Univ. of
Toronto
Library

#7973

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOLUME XI
JANUARY TO DECEMBER
1907

99577
18/11/09

NEW YORK
1907

Z
881
N593B8
v. 11

CONTENTS OF VOLUME XI.

PAGE

ACCESSIONS. See NEW YORK PUBLIC LIBRARY—ACCESSIONS.
AMERICAN NAVAL AFFAIRS, 1798–1802, LETTERS RELATING TO. . . . 411–419
BALLADS, LIST OF WORKS RELATING TO. 187–226
BRITISH BOARD OF TRADE AND PLANTATIONS, REPORT OF DECEMBER, 1703. 469–497
DIRECTOR'S REPORT FOR 1906–07. 463–468
DOCUMENTS PRINTED FROM MANUSCRIPTS IN THE LIBRARY:
American Naval Affairs, 1798–1802. 411–419
British Board of Trade, Report of December, 1703. . . 469–497
DONORS. See NEW YORK PUBLIC LIBRARY—DONORS.
DRAMA, LIST OF WORKS RELATING TO JEWISH. 18–51
ENGINEERING, LIST OF WORKS RELATING TO HYDRAULIC. . 512–552, 565–626
FOLK SONGS, FOLK MUSIC, BALLADS, ETC., LIST OF WORKS RELATING TO. 187–226
GREAT BRITAIN. REPORT OF BOARD OF TRADE AND PLANTATIONS, DECEMBER, 1703. 469–497
HYDRAULIC ENGINEERING, LIST OF WORKS RELATING TO. . 512–552, 565–626
JEWISH DRAMA, LIST OF WORKS RELATING TO. 18–51
LAW, LIST OF WORKS RELATING TO MUHAMMADAN. 8–17
MAITLAND, ALEXANDER, RESOLUTION ADOPTED BY THE BOARD OF TRUSTEES ON THE DEATH OF. 563–4
MANUSCRIPTS. See DOCUMENTS PRINTED FROM MANUSCRIPTS IN THE LIBRARY.
MUHAMMADAN LAW, LIST OF WORKS RELATING TO. 8–17
MUSIC. See FOLK SONGS.
NAUTICAL AND NAVAL ART AND SCIENCE, NAVIGATION, ETC., LIST OF WORKS RELATING TO. 239–287, 299–345, 359–398, 420–436
NAVAL AFFAIRS, LETTERS RELATING TO AMERICAN, 1798–1802. . . 411–419
NAVIGATION. See NAUTICAL AND NAVAL ART, ETC.
NEW YORK PUBLIC LIBRARY:
Accessions, List of Principal. 52–55, 84–91, 126–135, 169–179, 227–231, 288–291, 346–351, 399–403, 437–455, 498–503, 553–555, 627–631
Donors, List of Principal. 56, 92, 136, 180, 232, 292, 352, 404, 456, 504, 556, 632
Report (Director's) for 1906–07. 463–468
Report (Monthly). 3–7, 59–63, 95–98, 139–142, 183–186, 235–238, 295–298, 355–358, 407–410, 459–462, 507–511, 559–564
REPORT. See NEW YORK PUBLIC LIBRARY—REPORT.
SCHUYLER, PHILIP, RESOLUTION ADOPTED BY THE BOARD OF TRUSTEES ON THE DEATH OF. 7
SONGS. See FOLK SONGS.
VIRGINIA, LIST OF WORKS RELATING TO. 64–83, 99–125, 143–168

Digitized by the Internet Archive
in 2007 with funding from
Microsoft Corporation

http://www.archive.org/details/bulletin11newyuoft

Vol. XI Nos. 1-9-11.12

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

JANUARY 1907

VOLUME XI · NUMBER 1

REPORT FOR DECEMBER, AND SUMMARY FOR JULY-DECEMBER	3-7
LIST OF WORKS RELATING TO MUHAMMEDAN LAW	8-17
LIST OF JEWISH DRAMA	18-51
PRINCIPAL ACCESSIONS IN DECEMBER	52-55
PRINCIPAL DONORS IN DECEMBER	56

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)

Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.).
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
59th Street, 113 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 569 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 2933 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. JANUARY, 1907. No. 1.

REPORT FOR DECEMBER, AND SUMMARY FOR JULY–DECEMBER.

The following table shows the operations of the Reference Department of the New York Public Library for December, 1906, with the corresponding figures for the last six months, as compared with the corresponding six months of 1905:

	DEC. 1906.	LAST 6 MONTHS. 1906.	CORRESPONDING 6 MONTHS. 1905.
No. vols. purchased, accessioned	1,012	6,369	7,040
No. vols. given, "	850	5,484	6,184
No. pams. purchased, "	131	537	425
No. pams. given, "	474	2,714	4,448
No. vols. actually received by purchase	822	5,445	5,134
No. vols. " " " gift	792	6,920	4,608
No. pams. " " " purchase	220	2,374	1,996
No. pams. " " " gift	1,374	11,255	13,554
No. prints " " " purchase		3	564
No. prints " " " gift	26	807	445
No. maps " " " purchase		34	14
No. maps " " " gift	38	295	388
No. vols. received in exchange	104	539	31,045
No. pams. " " "	33	5,797	54,751
No. vols. sent out	2	624	24,651
No. pams. " "	4,662	4,790	5,169
No. vols. sent to outside binders	924	3,105	3,068
No. vols. sent to Library binder	97	509	574
No. maps mounted by Library binder		1	2
No. books catalogued	2,940	13,538	17,068
No. pams. catalogued	2,545	15,152	18,170
No. cards written	7,930	39,177	40,350
No. slips written for copying machine	2,218	13,260	17,088
No. cards from copying machine	11,401	61,190	85,395
No. readers and visitors	19,536	98,426	92,466
No. readers.	17,500	85,711	75,291
No. readers, desk applicants	16,063	82,189	73,166
No. vols. consulted by desk applicants	61,772	331,314	313,856
Daily average of readers	698	611	491
No. readers, periodical department	2,797	15,336	13,692
Daily average " "	111	97	87
No. periodicals consulted	21,360	116,654	106,386
(No. taken from rack)	4,288	24,376	21,586
No. readers, Russian department	1,371	7,658	4,937
(No. works consulted)	1,889	10,519	8,539

During the calendar year ending December 31, 1906, the number of volumes actually received was 30,966 and of pamphlets 70,401, of which 13,381 volumes and 29,113 pamphlets were gifts, and 6,916 volumes and 36,404 pamphlets were received by exchange.

The number of volumes catalogued was 30,335, and of pamphlets 33,044.

There are now on the shelves of the ASTOR and LENOX branches of the Library, available for readers, 696,365 volumes and 268,712 pamphlets. These with the 570,789 volumes in the circulation department give a total of 1,535,866 pieces in the whole system.

The total number of readers and visitors during the calendar year was 210,065; the number of desk applicants was 180,782, and the number of volumes consulted by these desk applicants was 802,874, as shown by the following table:

		DESK APPLICANTS.	VOLUMES.
ASTOR day service:	total	146,328	684,530
	monthly average	12,194	57,044.16
	volumes per reader, 4.67.		
ASTOR evening service:	total	20,925	43,361
	monthly average	1,743.75	3,613.41
	volumes per reader, 2.07.		
ASTOR day and evening:	total	167,253	727,891
	monthly average	13,937.75	60,657.58
	volumes per reader, 4.35.		
LENOX (9 A.M. to 6 P.M.):	total	13,529	74,983
	monthly average	1,127.41	6,248.58
	volumes per reader, 5.54.		
ASTOR and LENOX:	total	180,782	802,874
	monthly average	15,065.16	66,906.16
	volumes per reader, 4.44.		

In 1905 the total amounted to 160,172 desk applicants and 677,946 volumes, an average of 13,346.83 desk applicants and 56.495.5 volumes per month, each reader using an average of 4.23 volumes. Increase of 1906 over 1905 amounted to 20,610 desk applicants and 124,928 volumes.

During the calendar year ending December 31, 1906, the Circulation Department (36 branches) circulated for home use 4,973,078 volumes; the number of readers consulting books from the shelves was 632,182; the adult reading-room attendance was 512,847, the total of such attendance being 807,289; the number of volumes accessioned was 96,770, giving a total of 570,789 on the shelves.

During the year four new circulation branches were opened, three of which provided new buildings for already existing branches, and one a new branch for the lower West side—the HUDSON PARK branch at 66 Le Roy Street, opened on January 26. The new building for MUHLENBERG was opened at 209 West 23d Street on February 19, for ST. AGNES at 444 Amsterdam Avenue on March 26, and for WEBSTER at 1465 Avenue A on October 24.

The assembly rooms of the HUDSON PARK, TOMPKINS SQUARE, 125TH STREET, and TREMONT branches were used experimentally by the Board of Education for the spring season of the evening free lectures; these same four branches have been used for the same purpose since the beginning of the winter courses, in all cases the Library remaining open for half an hour after the lecture to enable the hearers to withdraw books should they so desire.

CIRCULATION STATISTICS FOR DECEMBER.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	12,151	2,360	202	2,911	4,602	381
East Broadway, 197	24,025	3,762	805			728
Rivington Street, 61	19,974	10,129	610	13,060	15,666	78
Le Roy Street, 66	7,285	4,042	111	1,852	5,471	77
Bond Street, 49	8,154	901	163	2,440	3,824	680
8th Street. 135 Second Avenue	16,354	2,259	312	3,350	3,660	510
10th Street, 331 East	18,502	3,658	463	2,860	3,326	821
13th Street, 251 West	8,327	1,132	105	1,524	1,555	113
22d Street, 230 East	1,940	13	27			94
23d Street, 209 West	11,475	4,936	296			61
34th Street, 215 East	6,359	2,512	98			177
40th Street, 501 West	3,034		37			113
42d Street, 226 West	10,185	1,299	198			199
50th Street, 123 East	5,286	498	95	193	260	118
51st Street, 463 West	4,281	261	106	262	505	181
59th Street, 113 East	8,812	1,413	213	2,853	2,853	441
67th Street, 328 East	13,221	1,219	279	574	2,951	135
69th Street. 190 Amsterdam Avenue.	10,974	910	152	3,599	5,974	463
Travelling Libraries	63,755					201
77th Street. 1465 Avenue A	17,747	248	363	798	2,515	207
79th Street, 222 East	20,249	2,483	265	2,919	6,546	278
81st Street. 444 Amsterdam Avenue.	14,922	1,900	559	1,542	2,100	210
Blind Library	845		7			203
86th Street. 536 Amsterdam Avenue.		131		310	399	93
96th Street, 112 East	23,177	1,424	363	1,270	2,563	100
100th Street, 206 West	14,268	2,938	269	1,548	1,883	354
110th Street, 174 East	18,878	5,436	385	1,821	4,230	252
123d Street, 32 West	7,357	376	246	1,379	1,587	144
125th Street, 224 East	10,349	1,725	252	681	935	106
135th Street, 103 West	17,100	979	305	1,139	2,767	76
156th Street. 922 St. Nicholas Avenue.	8,252	2,494	149			31
BRONX.						
140th Street and Alexander Avenue	17,223	665	287	1,388	3,568	83
176th Street and Washington Avenue.	15,834	485	253	968	2,278	122
Kingsbridge Avenue, 2933	1,936	1,849	15			28
RICHMOND.						
Tottenville	2,400	723	21			117
Port Richmond	5,626	419	75	147	531	227
TOTALS	450,257	65,579	8,086	51,388	82,549	8,202

Among the books received during the month may be mentioned those from the American Philosophical Society, volume 1 of its "Record of the celebration of the 200th anniversary of the birth of Benjamin Franklin," at Philadelphia, April 17–20, 1906; from the University Library of Breslau, 5 volumes and 72 pamphlets, dissertations for degrees, etc.; from Theodore L. De Vinne, his "Practice of typography," 4 volumes; from Mrs. Henry Winthrop Gray, a copy of the report of the trial of Prof. John W. Webster for the murder of Dr. George Parkman, Nov. 23, 1849; from the Universitäts Bibliothek of Jena, 10 volumes and 89 pamphlets, being dissertations for degrees; from Lady Meux, her elaborate issue of the Ethiopic text and translation into English of the life and miracles of Takla Hâymânôt (1905); from Daniel F. Cohalan "Annals of the Four Masters," edited by John O'Donovan, Dublin, 1851, 7 volumes.

At the Lenox branch the exhibition of photographs of Italian paintings, selected from the A. A. Hopkins Collection, remained on view, as did also the exhibit of etchings by Adolphe Lalauze. At the Astor branch the exhibition of plates and text from the "Etcher" (1881) remained unchanged, as did also the print exhibits at the various circulation branches.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows:

East Broadway, Books on Japan, Music and musicians, Visits from St. Nicholas, Whittier; Rivington Street, Indoor games; Hudson Park, Henry D. Thoreau, Western life, College sports; Bond Street, Spain, Constantinople, Foods; Tompkins Square, Snow; Jackson Square, Story hour; Muhlenberg, Railroads, Sports; George Bruce, Sea stories, Manhattan new and old, The drama, The horse; 67th Street, Santa Claus and his workshop, North American Indians, Hiawatha; Riverside, Babyhood, Tales of the sea, Indians, Animal friends, Sports for women, Dutch boys and girls; St. Agnes, Automobile stories; 96th Street, Buildings in New York, Reading lists; Bloomingdale, A British liner, His Majesty's navy; 125th Street, Volcanoes, Child labor, College and school, Coal and coal mining; Mott Haven, Michael Angelo, Some great explorers; Tremont, Colonial customs, Constitution, Dewey in Manila, Dickens, Friendship of books, Hague tribunal, Home life in the Philippine Islands, In the days of Elizabeth, Monroe Doctrine, Panama Canal, Winter; Port Richmond, Polar regions; Tottenville, Reproduction of famous pictures of Madonna and child.

In addition there were bulletins on Christmas at twenty-two branches, on new books at seven branches, on the new year at five branches, on December birthdays of celebrated men and women at two branches, and on winter at two branches.

The collection of menus, formed largely by Miss Frank E. Buttolph, amounted at the close of 1906 to 15,194 pieces. Of this total 3,305 represent American daily bills of fare, priced; 363 belong to the group of foreign dailies; 239 were issued by railroads, and 5,041 for Atlantic and Pacific steamers. Among menus for special occasions 1,026 are classified as complimentary banquets, and 388 as military and naval banquets, and 337 as menus for national events. Patriotic societies number 393, and social clubs 534; commercial organizations number 616, and school and colleges 255.

At the meeting of the Board of Trustees held on January 9, 1907, the following minute on the services of Philip Schuyler was unanimously adopted:

"Philip Schuyler died suddenly, as the result of a railway accident, on November 29, 1906. He was essentially and by inheritance a distinguished citizen of New York. His ancestry was remarkable and distinguished on both sides. Major-General Philip Schuyler of the Continental Army and a Senator of the United States was his great-grandfather, as was Alexander Hamilton upon his mother's side. He was entitled from such progenitors to the possession of unusual qualities and to become himself in turn a marked American.

"Mr. Schuyler was born in the City of New York, on June 20, 1836. He spent some years at Harvard at the Lawrence Scientific School, afterwards attended scientific lectures for some time in Berlin, and subsequently entered upon the study of the law.

"The breaking out of the war, however, put a definite end to thoughts of a civil life, and he soon sought to place at the service of his country the training he had acquired in the Seventh Regiment, and in April, 1861, in response to the call of the President, marched as a private with his company for the protection of Washington.

"Toward the close of this temporary service he promptly sought service in the regular army, and his commission, signed by Mr. Lincoln and Mr. Cameron, then Secretary of War, as a First Lieutenant in the Fourteenth Regiment of Infantry, bears date August 17, 1861. In the service of the United States, with the pertinacity which distinguished him in life, he clung to the particular service in which he had enlisted, and remaining with his regiment or on the staff, served through the war as a regular, always faithful and distinguished, becoming Captain July 1, 1864, and Brevet-Major in the Army of the United States, April 9, 1865,—"for gallant and meritorious services during the recent operations resulting in the fall of Richmond, Virginia, and the surrender of the insurgent army under General R. E. Lee"—after which he retired from the service. It is not possible here to refer at length to his army record, which is a part of the history of the country.

"He brought into exercise in private life the same qualities which distinguished him as a soldier. He was capable, public-spirited and efficient, with liking and capacity for public affairs, and with temperament and manner making him a charming co-worker and companion. He was able to accomplish results by gentle insistence and kindly interest where others might fail, and in the effort he endeared himself to all with whom he came in contact.

"He became a Trustee of the Astor Library on February 14, 1894, and a Trustee of the New York Public Library on its formation, and was a most enlightened, useful and attractive member of the Board. He bore his full share of service on various committees and always with the same efficiency and in the same spirit.

"This minute cannot assume to deal with his personal qualities, his capacity for friendship, his charming social spirit, his sweet conception of the character of a host and of a friend. He has left nothing but kindly recollections, with thankfulness for his services and respect for his memory."

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO MUHAMMADAN LAW.

Prepared by Miss I. A. Pratt under direction of Dr. Richard Gottheil.

Order of Arrangement:

Bibliography.
History.
General Works.
Various Schools:
Hanafite.
Malikite.
Shafi'ite.
Minor schools.

Regional:
Egypt.
North Africa.
India.
Malay archipelago.
Turkey.

Bibliography.

Ahlwardt (W.) Die Jurisprudenz. (In his: Verzeichniss der arabischen Handschriften der königlichen Bibliothek zu Berlin. *Berlin*, 1887–99. Bd. 4, pp. 1–372.)

Berg (L. W. C. van den). [Bibliography.] (In his: Principles du droit musulman selon les rites d'Abou Hanīfah et de Chafi'i. *Alger*, 1896. 8°. pp. 16–19.)

Bibliothèque Khediviale. Fiqh. (In: Bibliothèque Khediviale, Fihrist al-Kutub [catalogue]. *Cairo*, 1888–93. 7 v. in 8. 8°. v. 3.)

Blumhardt (J. F.) Muhammadan law. (In his: Catalogue of the Hindustani books in the Library of the India Office. *London*, 1900. 8°. pp. 36–8.)

Brockelmann (Carl). Al Fiqh. (In his: Geschichte der arabischen Litteratur. *Weimar*, 1898–1902. 8°. Bd. 1, pp. 168–188, 372–406; Bd. 2, pp. 78–108, 163–164, 175–176, 185–188, 196–200, 220, 246–248, 264, 310–325, 374–375, 387–390, 403–406, 411–412, 416–417, 430–438, 460, 485–488, 496.)

Fluegel (Gustav). Rechtswissenschaft. (In his: Die arabischen, persischen und türkischen Handschriften der kaiserlich-königlichen Hofbibliothek zu Wien. *Wien*, 1865–67. 4°. Bd. 3, pp. 194–267.)

Jurisprudentia. (In: Leiden, Universiteit, Bibliotheek. Catalogus Codicum Orientalium Bibliothecæ Academiæ Lugduno Batavæ. *Lugduni Batavorum*, 1851–1877. 8°. v. 4, pp. 103–183.)

Jus canonicum et civile. [Codices ad jurisprudentiam pertinentes.] (In: British Museum. Catalogus codicum manuscriptorum orientalium. Pars 2 [et supplementum]. *Londini*, 1846–71. f°. pp. 116–142, 407–416.)

Lambrecht (E.) Jurisprudence. (In his: Catalogue de la Bibliothèque de l'École des langues orientales vivantes. Tome 1. *Paris*, 1897. pp. 324–340, 449–450.)

Loth (Otto). Law. Principles of jurisprudence. (In his: Catalogue of the Arabic manuscripts in the Library of the India Office. *London*, 1877. 4°. pp. 51–83.)

Perreimond (Victor). Bibliographie. (In his: De la protection juridique des incapables en droit musulman. *Paris*, 1903. 8°. pp. 7–12.)

Rieu (Charles). Law. (In his: Supplement to the catalogue of the Arabic manuscripts in the British Museum. *London*, 1894. f°. pp. 168–266.)

Slane (William Mac Guckin de). Droit. (In: Bibliothèque nationale. Dept. des manuscrits. Catalogue des manuscrits arabes, 1883–95. f°. pp. 170–218.)

Stewart (Charles). Jurisprudence. (In his: A descriptive catalogue of the Oriental library of the late Tippoo Sultan of Mysore. *Cambridge*, 1809. 4°. pp. 144–157.)

History.

Houdas (O.) Sahnoun un jurisconsulte musulman du iiie siècle de l'hégire. (In: École des langues orient. viv. Centenaire 1795–1895. Recueil de mémoires. *Paris*, 1895. f°. pp. 295–304.)

Kazem Beg (Mirza). Notice sur la marche et les progrès de la jurisprudence parmi les sectes orthodoxes musulmanes. (Journal asiatique. 4. ser. v. 15, pp. 158–214. *Paris*, 1850.)

Mac Donald (Duncan B.) Development of jurisprudence. (In his: Development of Muslim theology, jurisprudence and constitutional theory. *New York*, 1903. 12°. pp. 65–117.)

Ribera Tarrago (Julian). Origenes del justicia de Aragon. Con un prologo de Francisco Codera. *Zaragoza: Tip. de Comas hermanos*, 1897. xix, 2 l., 472 pp. 16°. (Coleccion de estudios arabes. v. 2.)

Sachau (Karl Eduard). Zur aeltesten Geschichte des muhammedanischen Rechts. (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 65, pp. 699–723. *Wien*, 1870.)

General Works.

Abd al-Kadir ibn Muhammad al-Makkawī. Der überfliessende Strom in der Wissenschaft des Erbrechts des Hanefiten und Schafeiten. Arabischer Text...uebersetzt und erläutert von L. Hirsch. *Leipzig: F. A. Brockhaus*, 1891. xiv, 122 pp. 12°.

General Works, cont'd.

Abd al-Salam ibn Shu'aib. L'esprit de la philosophie du droit musulman par Abdesselam Ben Choaib. *Tlemcen: T. Desbonnet*, 1901. 1 p.l., 33 pp., 1 l. nar. 8°.

Abdari (Muhammad ibn al-Hajj al-). Kitab al-madhal. *Cairo*, 1902. 3 v. 8°.

Abu Muhammad ibn Abu Zayd. First steps in Muslim jurisprudence, consisting of excerpts from Bakurat al-Sa'd...with Arabic text, English translation, notes, and a short historical and biographical introduction by A. D. Russell and Abdullah al-Ma'mun Suhrawardy. *London: Luzac & Co.*, 1906. xxi (1), 3–121 pp. 8°.

Ahmad ibn Ardun. Al-kitab billa'ik li muallim al-wathaik. [On obligations according to Muhammadan law.] *Fez*, 1898. pp. 1–8, numbering repeated 27 times (216 pp. in all). 8°.

Ahmad ibn Muhammad ibn Umar Ibn al-Hayyat. Hashiyah ala sharh al-Khirshy. [Glosses on the commentary of al-Hirshi to the Fara'id of Halil.] *Fez*, n. d. pp. 1–8, numbering repeated 23 times (184 pp. in all). 8°.

Al-Sirajiyyah; or, The Mohammedan law of inheritance, with a commentary by Sir W. Jones. (In: Jones' works. *London*, 1807. 8°. v. 8, pp. 197–322.)

Ali ibn al-Ahwazi (Abu al-Hasan). Kitab al-tibr al-munsabik fi tadbir al-malik. [A mirror of kings and princes.] *Cairo*, 1900. 52 pp. 12°.

Amir Ali (Maulawi Sayyid). The law relating to gifts, trusts, and testamentary dispositions among the Mahommedans. (According to the Hanafi, Maliki, Shafei, and Shiah schools.) Compiled... with explanatory notes...and an introduction on the growth and development of Mahommedan jurisprudence. *Calcutta: Thacker, Spink & Co.*, 1885. xxii, 1 l., 635 pp. 8°. (Tagore law lectures, 1884.)

—— Mahommedan law; compiled from authorities in the original Arabic, by Syed Ameer Ali. *Calcutta: Thacker, Spink & Co.*, 1892–94. 2. ed. 2 v. 8°. (Tagore law lectures, 1884.)

v. 1. Law relating to gifts, wakfs, wills, pre-emption and bailment.

v. 2. Personal law of the Mahommedans. Containing the law relating to succession and status.

—— The personal law of the Mahommedans. (According to all the schools.) With a comparative sketch of the law of inheritance among the Sunnis and the Shiahs. *London: W. H. Allen & Co.*, 1880. xii, 430 pp., 1 l. 8°.

Asir (Yusuf al-). Sharh ra'id al-fara'id. [A treatise on Muhammadan law.] *Beirut*, 1873. 268 pp. 12°.

Becker (C. H.) Tabari's sogenannte Catechesis Mahometana. (Deutsche morgenländ. Gesellsch. Ztsch. v. 55, pp. 96–97. *Leipzig*, 1901.)

Belin (F. A.) Extrait d'un mémoire sur l'origine et la constitution des biens de mainmorte en pays musulman. (Journal asiatique. 5. ser. v. 2, pp. 377–427. *Paris*, 1853.)

Berg (L. W. C. van den). De beginselen van het Mohammedaansche recht, volgens de imam's Aboe Hanifat en Sjafe'i. *Batavia: Ernst & Co.*, 1878. xv, 269 pp. 2. ed. 8°.

—— Principes du droit musulman selon les rites d'Abou Hanifah ef de Chafi'i. Traduit du hollandais...par R. de France de Tersant...avec la collaboration de M. Damiens... *Alger: A. Jourdan*, 1896. vii, 278 pp., 1 tab. 8°.

Clavel (E.) Droit musulman. Le wakf ou habous, d'après la doctrine et la jurisprudence (rites Hanafite et Malekite). *Le Caire: Imprimerie Diemer*, 1896. 2 v. 8°.

Cohn (Emil). Der Wucher (ribâ) in Qor'ân, Chadith und Fiqh. Ein Beitrag zur Entstehungsgeschichte des muhammedanischen Rechtes. Mit einem Nachwort von J. Koehler. *Berlin: R. v. Decker*, 1903. lv, 34 pp. 8°. (Berliner juristische Beiträge zum Civilrecht. IIft. 2.)

Dabusi (Umar ibn Isa al-) Kitab tasis al-nazar. [Questions of law as decided by the different schools, with an extract from the Alam al-akhyar wa taj al-tarajim of Abu al-Hasan al-Karhi.] *Cairo*, n. d. 2 p.l., 4, 88 pp. 8°.

Dairabi (Ahmad al-). Ghayat al-maksud. [A compendium of Muhammadan law relating to marriage according to the four orthodox schools.] *Cairo*, 1906. 104 pp. 12°.

Dimishki (Muhammad ibn Abd al-Rahman al-). Kitab rahmat al-ummah fi ikhtilaf al-a'immah. [On the agreements and disagreements between the chief legal authorities, and especially the founders of the four orthodox sects. On the margin, 'Abd al-Wahhab al-Sha'rani's Mizan al-hidriyyah.] *Bulak*, 1883. 174, 2 pp. 4°.

Ettouati (Mohammed Elbachir). Recueil de notions de droit musulman (rite malekite et rite hanafite) et d'actes notariés, judiciaires et extrajudiciaires...traduit et annoté par J. Abribat. *Tunis: B. Borrel*, 1896. 2 p.l., 280 pp., 1 l. 8°.

Gatteschi (D.) Real property, mortgage and wakf according to Ottoman law. Translated from the Italian by E. A. Van Dyck. *London: Wyman & Sons*, 1884. 2 p.l., 96 pp. 8°.

Gebir (I. de). Suma de los principales mandamientos y devedamientos de la ley y çunna. (In: R. Acad. Hist. Mem. v. 5. *Madrid*, 1853.)

Ghazali (Muhammad ibn Muhammad al-). Kitab al-wajiz. [On the principles of Arabic law.] *Cairo: Soc. pour l'impression des ouvrages arabes*, 1899. 2 v. in 1. 4°.

Gillotte (Charles). Traité de droit musulman. *Bône: Dagand*, 1854. 1 p.l., vii, 112, 129–190 pp. 5 ms. leaves inserted, following p. 112. 8°.

Grasshoff (Richard). *Die suftaga und hawala der Araber. Ein Beitrag zur Geschichte des Wechsels. Albertus-Universität zu Konigsberg i. Pr. *Göttingen*, 1899. iv, 98 pp., 1 l. 8°.

—— Das Wechselrecht der Araber. Eine rechtsvergleichende Studie über die Herkunft des Wechsels. *Berlin: O. Liebmann*, 1899. iv, 95 pp. 8°.

Haneberg (D. B. von). Das muslimische Kriegsrecht. (In: K. B. Akad. d. Wiss. Abh. Philos.-phil. cl. Bd. 12. *München*, 1871.)

Harington (J. H.) Remarks upon the authorities of Musulman law. *n. t.-p.* [*London*,] 1811. pp. 475–512. 8°.

Repr. from: Asiatic researches. v. 10.

Helou (Rahmin). Étude sur la condition juridique des femmes musulmanes. *Paris: V. Giard & E. Brière*, 1896. 2 p.l., iv, 182 pp., 1 l. 4°.

General Works, cont'd.

Hilli (Abu al-Kasim al-). Kitab al-fara'id min shara'i al-islam. [On Muhammadan law; with a commentary on the margin.] *Lahore*, 1871. 58 pp. 8°.

Hoogerwoerd (Selim Khan Keun de). Kritische Studien zur Einführung in das Recht des Islam. *Erlangen: E. T. Jacob*, 1901. xii, 64 pp. 8°.

Huart (Clément). Jurisprudence. (In his: A history of Arabic literature. *London*, 1903. 8°. Short histories of the literatures of the world. v. 11. pp. 233–254.)

—— La jurisprudence. (In his: Littérature arabe. *Paris*, 1902. 8°. Histoires des littératures. pp. 233–253.)

—— Les Zindiqs en droit musulman. (In: Internat. Cong. of Orientalists. Acts...Sess. 11. *Paris*, 1899. 4°. Sec. 3., pp. 69–80.)

Hughes (T. P.) The law. (In his: A dictionary of Islam. *New York*, 1885. 8°. pp. 285–292.)

Kalasadi (Ali ibn Muhammad al-). Bughyat al-muhtadi wa ghunyat al-muntahi. [On inheritance in Muhammadan law.] *Fez*, n. d. pp. 1–8, numbering repeated 13 times (104 pp. in all), followed by 1 leaf. 8°.

Kern (Friedrich). Tabari's Ihtilaf alfuqaha. (Deutsche morgenländ. Gesellschaft. Ztsch. v. 55, pp. 61–95. *Leipzig*, 1901.)

Kohler (Josef). Moderne Rechtsfragen bei islamitischen Juristen. Ein Beitrag zu ihrer Lösung. *Würzburg: Stahel*, 1885. 1 p.l., 20 pp. 8°.

—— Rechtsvergleichende Studien über islamitisches Recht, das Recht der Berbern, das chinesische Recht und das Recht auf Ceylon. *Berlin: C. Heymanns*, 1889. 3 p.l., 252 pp. 8°.

Kremer (Alfred von). Aus Mawerdi's moslimischen Staatsrecht; Auszuge aus Ibn-osch-Schihne's Geschichte von Haleb; Die Medreseen von Haleb. (In: K. K. Akad. d. Wiss. Sitzungsb. Phil.-hist. Cl., v. 4. *Wien*, 1850.)

—— Das Recht. (In his: Culturgeschichte des Orients unter den Chalifen. *Wien*, 1875–77. 2 v. 8°. v. 1, pp. 470–547.)

Kuduri (Ahmad ibn Muhammad al-). Instituts du droit mahometan sur la guerre avec les infideles, ou, Extraits du livre d'Abou-l-Hosain-Ahmed-el-Kodouri, sur le droit et de celui de Seiid Ali el Hamadani intitulé: Trésor des rois; traduits de l'arabe en français par C. Solvet. *Paris*, 1829. 40 pp. 8°.

Loutfy (Omar Bey). De l'inviolabilité du domicile en droit musulman. *Le Caire: J. Barbier*, 1896. 8 pp. 12°.

Luciani (J. D.) Traité des successiones musulmanes (ab intestat). Extrait du Commentaire de la Rhabia, par Chenchouri. De la glose d'El-Badjouri et d'autres auteurs arabes. Avec une préface par M. Zeys. *Paris: E. Leroux*, 1890. 2 p.l., iii, xvi, 573 pp., 1 l. 8°.

Mahomedan (The) law of succession to the property of intestates in Arabick, engraved on copper plates from an ancient manuscript, with a verbal translation and explanatory notes. (In: Sir Wm. Jones' Works. *London*, 1807. 8°. v. 8, pp. 159–196. 11 facsim.)

Markby (*Sir* William). An introduction to Hindu and Mahommedan law for the use of students. *Oxford: Clarendon Press*, 1906. 2 p.l., 172 pp. 8°.

Muhammad ibn Ali, *called* Ibn al-Nakkash. Fetoua relatif à la condition des Zimmis, et particulièrement des Chretiens, en pays musulmans, depuis l'etablissement de l'Islamisme, jusqu'au milieu du viiie siècle de l'Hégire; traduit de l'arabe par M. Belin. (Texte arabe de la deuxième partie.) (Journal asiatique. 4. sér. v. 18, pp. 417–516; v. 19, pp. 97–140. *Paris*, 1851–52.)

Muhammad Kadri Pasha. Du wakf...traduit de l'arabe...par Abdulaziz Kahil Bey. *Le Caire: Imprimerie Nationale*, 1896. 309 pp. 8°.

Muhammad Siddik Hasan Khan Bahadur (Nawwab of Bhopal). Sharh al-durar al-bahiyat. [Commentary on al-Shaukani's Al-durar al-bahiyat, a manual of Muhammadan law.] *Bulak*, 1879. 8, 4, 417 pp. 4°.

Arabic text.

—— Husul al-mamul. [On the principles of Muhammadan jurisprudence, founded upon a larger work on the same subject by Muhammad ibn Ali al-Shaukani, entitled Irshad al-fuhul.] *Constantinople*, 1879. 6, 214 pp. 8°.

Nauphal (I. de). Études orientales. Législation musulmane. Filiation et divorce. *St. Pétersbourg: Trenké & Fusnot*, 1893. 416 pp., 1 l. 4°.

—— Études orientales. Système legislatif musulman. Mariage. *St. Pétersbourg: Trenké & Fusnot*, 1893. 216 pp. 4°.

Orcet (G. d'). L'evolution musulmane. (Rev. britannique. Année 75, v. 3, pp. 161–184 *Paris*, 1899.)

Osborn (R. D.) Muhammadan law: its growth and character. (Contemporary Review. v. 29, pp. 1092–1111, v. 30, pp. 55–71. *London*, 1877.)

Padel (W.), *and* L. Steeg. De la législation foncière ottomane. *Paris: A. Pedone*, 1904. 2 p.l., 350 pp., 1 l. 8°.

Perreimond (Victor). *De la protection juridique des incapables en droit musulman. Étude de droit comparé...*Paris: H. Jouve*, 1903. 332 pp. 8°.

Bibliography, p. 7–12.

Pharaon (Joanny), *and* T. Dulau. Études sur les legislations anciennes et modernes. Première classe. Législations orientales. Première partie. Droit Musulman. Pt. 1. *Paris: Videcoq*, 1839. 8°.

Querry (A.) Droit musulman: recueil de lois concernant les Musulmans schyites. *Paris*, 1871–72. 2 v. nar. 4°.

R. (L.) De l'absence en droit musulman. *Paris: Marchal & Billard*, 1897. 46 pp. 12°.

Rattigan (W. H.) The scientific study of the Muhammedan law. (Law Quar. Rev. v. 17, pp. 402–414. *London*, 1901.)

Richard (Charles). De l'esprit de la legislation musulmane. *Alger: Typ. Bastide*, 1849. 31 pp. 16°.

Rousseau (Samuel). A dictionary of Mohammedan law, Bengal revenue terms, Sanscrit, Hindoo and other words, used in the East Indies,

General Works, cont'd.

with full explanations...to which is added an appendix containing forms of firmauns, perwanehs, arizdashts, instruments and contracts of law, passports...with a copy of the original grant from the emperor Furrukhseer to the English East India Company, in Persian and English. *London: J. Sewell*, 1802. lxiv, 13–287 pp. 12°.

Sautayra (E.), *and* E. Cherbonneau. Droit musulman. Du statut personnel et des successions. *Paris: Maisonneuve & Cie.*, 1873–74. 2 v. 4°.

v. 1, Du statut personnel; v. 2, Des successions.

Savvas Pacha. Le droit musulman expliqué. Réponse à un article de M. Ignace Goldziher... paru dans le Byzantinische Zeitschrift, II., 2, pp. 317–325. 1893. *Paris: Marchal & Billard*, 1896. 3 p.l., 161 pp., 1 tab. 12°.

—— Étude sur la théorie du droit musulman. *Paris: Marchal & Billard*, 1892–98. 2 v. 12°.

—— Le tribunal musulman. *Paris: Marchal et Billard*, 1902. 2 p.l., xi, 180 pp. 12°.

Schrant (Joannis Matthiæ). *De conjugiis jure moslimico. *Lugduni Batavorum*, 1843. 3 p.l., 116 pp., 1 l. 8°.

Sha'rani (Abd al- Wahhab ibn Ahmad al-). Mizan. [Muhammadan law as laid down by the four principal Sunni Imams, with special reference to points upon which they disagree. On the margin another work on the same subject entitled Rahmat al-ummah by Muhammad ibn Abd'al-Rahman al-Dimishki.] *Cairo*, 1900. 2. ed. 2 v. in 1. 4°.

—— Balance de la loi musulmane, ou esprit de la législation islamique et divergences de ses quatre rites jurisprudentiels. Traduit de l'arabe par le Dr. Perron. *Alger: P. Fontana & Co.*, 1898. 2 p.l., lxii, 1 l., 587 pp., 1 tab. 8°.

Sieye (V.) De la nouvelle organisation de la justice musulmane; ou, Commentaire du décret du 10 septembre, 1886. *Oran: P. Perrier*, 1886. 72 pp. 8°.

Siraji, al-. [On the Muhammadan law of inheritance.] *St. Petersburg: lithogr. Boraganski*, 1895. 66 pp., 1 l. 4°. Arabic text.

Snouck Hurgronje (C.) Iets over verjaring in het Moehammedaansche recht. (Tijdschrift voor Indische taal-, land- en volkenkunde. Deel 39, pp. 431–457. *Batavia*, 1897.)

—— Islam und phonograph. (Tijdschrift voor Indische taal-, land- en volkenkunde. Deel 42, pp. 393–427. *Batavia*, 1900.)

—— Le droit musulman. (Annales du Musée Guimet. Rev. de l'hist. des religions. *Paris*, 1898. 8°. v. 37, pp. 1–22, 174–203.)

Stahl ( ). Mémoire sur la législation arabe. (Journal asiatique. 2. ser., v. 6, pp. 120–152. *Paris*, 1830.)

Steel (C. D.) Facts of interest, and curious points in Mohammedan law. (Imper. & Asiatic Quar. Rev. ser. 3, v. 21, pp. 12–21. *Woking*, 1906.)

Suwaisi (Abd al-Rahman al-). Mukhtasar al-fatawi al-mahdiyyah. [A collection of Fatwahs, edited by Ahmad Rishwan and Abd al-Alim Salih.] *Cairo*, 1900. 191 pp. 8°.

Tornau (Nikolai Yegorovich), *baron*. Le droit musulman exposé d'après les sources; par N. de Tornauw; traduit par M. Eschbach. *Paris: Cotillon*, 1860. 2 p.l., 314 pp. 8°.

—— Musulmanskyoye pravo. *St. Petersburg*, 1866. 258 pp. 4°.

Weickhmann (Wilhelm Heinrich Alexander von). Die Vielehe deutscher Reichsangehöriger in muhammedanischen Staaten. *Greifswald: J. Abel*, 1895. 50 pp. 8°.

Worms ( ). Recherches sur la constitution de la propriété territoriale dans les pays musulmans, et subsidiairement en Algérie. (Journal asiatique. 3. sér., v. 14, pp. 225–282, 321–398; 4. sér., v. 1, pp. 126–178, 285–341; 4. sér., v. 3, pp. 61–90, 160–186. *Paris*, 1842–44.)

Zaili (Abu al-Laith ibn Muhammad al-). Hadiyat al-suluk sharh tuhfat al-muluk. [A treatise on Muhammadan law.] *Kasan*, 1902. 264 pp. 4°.

Various Schools:

Hanafite.

Abd al-Rahman ibn Muhammad, *called* Shaikhzadah. Majma al-anhur fi sharh multaka al abhur. [A commentary on Ibrahim al-Halabi's Multaka al-abhur.] *Constantinople*, 1859. 4 p.l., 948 pp. f°.

Abu Hanifah. Al-Jami al saghir redacted by Muhammad ibn al-Hasan al-Shaibani. [On the margin of Yakub ibn Ibrahim's (Abu Yusuf) Kitab al kharaj. *Bulak*, 1886. 136 pp. 4°.]

Amin Hindiyah. Ahkam al-shariyat. [A digest of Muhammadan personal law according to the Hanafite school.] *Cairo*, 1900. 2 p.l., 112 pp. 4. ed. 8°.

Baillie (N. B. E.) The Moohummudan law of inheritance, according to Aboo Huneefa and his followers. With an appendix containing authorities from the original Arabic. *Calcutta: Baptist Mission Press*, 1832. ix, 1 l., 173, 116, 174–177 pp. 4°.

—— The Moohummudan law of sale according to the Huneefeea code: from the Futawa Alumgeeree, a digest of the whole law, prepared by command of the Emperor Aurungzebe Alumgeer. Selected and translated from the original Arabic, with an introduction and explanatory notes. *London: Smith, Elder & Co.*, 1850. 1 p.l., v–lxii, 1 l., 352 pp. 8°.

Belin (F. A.) Étude sur la propriété foncière en pays musulmans, et spécialement en Turquie (rite hanéfite). (Journal asiatique. sér. 5. v. 18, pp. 390–431, 477–517; v. 19, pp. 156–212, 257–358. *Paris*, 1861–62.)

Bukhari (Abd al-Aziz al-). Kashf al-asrar. [In the form of a commentary on al-Pazdawi's Usul which is printed on the margin.] *Constantinople*, 1889. 4 v. in 2. 4°.

Clavel (E.) Droit musulman: Du statut personnel et des successions, d'après les différents rites et plus particulièrement d'après le rite hanafite. Pt. 1–2. *Paris: L. Larose*, 1895. 2 v. 8°.

Pt. 1, Du statut personnel; Pt. 2, Des successions.

Droit musulman. Le Wakf; ou, Immobilisation d'après les principes du rite hanafite traduit de l'arabe par...B. Adda et E. D. Ghalioungui. Suivi

Hanafite School, cont'd.

d'un recueil de législation et de jurisprudence. *Alexandrie: F. H. Mizrahi*, 1893. ix, 344, 41, 1 l., v pp., 1 l. 8°.

Du Caurroy (A. J.) Législation musulmane sunnite, rite hanèfi. (Journal asiatique. 4. sér., v. 12, pp. 5–44; v. 13, pp. 120–163; v. 16, pp. 476–519; v. 17, pp. 211–255, 568–591; v. 18, pp. 290–321; v. 19, pp. 519–550; 5. sér., v. 1, pp. 39–91; v. 2, pp. 471–528. *Paris*, 1848–53.)

Eherecht, Familienrecht und Erbrecht der Mohamedaner nach dem Hanefitischen Ritus. *Wien*, 1883. 194 pp., 1 pl. 8°.

Haskafi (Muhammad Ala al-Din al-). Durr al-mukhtar scharh tanwir al-absar. *Bombay*, 1891. 4 pts. in 2 v. 8°. Arabic text.

Paging continuous.

Kadri Efendi al-Hanafi (Abd al-Kadir ibn Yusuf). Wakiat al-muftin. [A collection of Fatwas according to the Hanafite rite.] *Bulak: al Matba'at al Miriyyah*, 1883. 2, 240 pp. 4°. Arabic text.

Kresmarik (J.) Das Wakfrecht vom Standpunkte des Sari'atrechtes nach der hanefitischen Schule. Ein Beitrag zum Studium des islamitischen Rechtes. (Zeitschrift der Deutschen morgenländischen Gesellschaft. v. 45, pp. 511–576. *Leipzig*, 1891.)

Kuduri (Ahmad ibn Muhammad al-). Kitab al-Kuduri. *Kazan*, 1896. 136 pp. 4°.

Loutfy (Omar Bey). De l'action pénale en droit musulman. Rite hanefite. *Paris: Marchal & Billard*, 1897–99. 2 v. in 1. 12°.

Luknavi (Abu al-Hasanat Muhammad al-). Al-Fara'id al-bahiyyah fi tarajim al-hanafiyyah. *Kasan*, 1903. 324 pp. 4°. Arabic text.

Mahmud ibn Hamzah. Kitab al-tarikah al-wadihah. *Damascus*, 1883. 2 p.l., 252 pp. 8°.

Marghinani (Ali ibn Abu Bakr al-). The Hedaya; or, Guide, a commentary on the Mussulman laws: translated by order of the Governor-General and Council of Bengal, by Charles Hamilton. *London*, 1791. 4 v. 4°.

UBAID Allah ibn Mas'ud. Sharh wikayat al-riwayah. [Commentary on Mahmud ibn Ubaid Allah's Wikayat al-riwayah, an abridgment of al-Marghinani's Hidayah.] *Lucknow*, 1872. 1 p.l., 400 pp. 4°.

Lithographed.

KUHUSTANI (Shams al-Din Muhammad al-). Jami al-rumuz. [A commentary on the Nukayat of Ubaid Allah ibn Mas'ud, an abridgment of Mahmud ibn Ubaid Allah's treatise on Muhammadan law according to the Hanafite school entitled Wikayat al-riwayat, itself an abridgment of al-Marghinani's Hidayah. With an historical introduction by Kadi-zadah Sharif Makhdum and marginal glosses chiefly selected from the supercommentary of Fakhr al-Din ibn Ibrahim al-Kazani entitled Ghawwas al-bahrain.] *Kasan*, 1898. 4 pts. in 2 v. 4°.

Muhammad ibn Faramarz, *called* MAULA KHUSRAU. Durar al-hukkam fi sharh ghurar al-ahkam. [Commentary by Maula Khusrau upon his own Ghurar al-ahkam.] *Constantinople*, 1882–83. 2 pts. 3, 767 pp. 8°.

Muhammad Kadri Pasha. Droit musulman. Statut réel, d'après le rite hanafite, mis en articles d'après le système des codes égyptiens... Traduit de l'arabe...par Abdulaziz Kahil Bey. *Le Caire: Imprimerie Nationale*, 1893. v, 1 l., 319 pp. 8°.

—— Kitab murshid al-hairan. [The law of contracts according to the Hanafite system arranged according to the European system for the School of Law at Cairo.] *Bulak: Gov't. Print. Press*, 1891. 157, 6 pp. 8°.

—— —— Appendix. *Bulak*, 1891. 7 pp. 8°.

Nabulusi (Abd al-Ghani ibn Ismail al-). Rashahat al-aklam sharh kifayat al-ghulam. *Cairo*, 1904. 98 pp. 4°.

Nakuri (Abu al-Fath Rukn ibn Husam al-). Nuskhat fatawa. [A collection of fatwas, or legal decisions.] *Calcutta: Asiatic Lithographic Press*, 1825. 1 p.l., 907 pp. 8°.

Nasafi (Abd Allah ibn Ahmad al-). Kanz al-daka'ik. [A compendium of Muhammadan law according to the Hanafi school, being an abridgment by the author of his larger work entitled al-Wāfī. Accompanied by al-Aini's commentary on the margin, and with interlinear notes on the first part of the work as far as the Kitab al-wakf from Mustafa al-Ta'i's commentary and on the latter part, from al-Samarkandi's commentary.] *Bombay*, 1894. 424 pp., 1 l. f°. Lithographed.

—— Kashf al-asrar. [A commentary on his own Manar, a treatise on the principles of Muhammadan law according to the Hanafi school, followed by another commentary entitled Nur al-anwar by Ahmad ibn Abi Said, called Shaikh Jiwan. On the margin a supercommentary on the Nur al-anwar, entitled Kamar al-akmar by Muhammad Abd al-Halim.] *Cairo*, 1898. 2 v. in 1. 4°.

Pazdawi (Ali ibn Muhammad ibn Husain al-). Usul. [On the margin of Bukhari (Abd al-Aziz al-) Kashf al- asrar. *Constantinople*, 1899.] 4 v. in 2. 4°.

Rumsey (A.) Moohummudan law of inheritance and rights and relations affecting it. Sunni doctrine; comprising...with much collateral information, the substance, greatly expanded, of the author's "Chart of family inheritance." *London: W. H. Allen & Co.*, 1880. xxviii, 470 pp. 8°.

Shurunbilali (Hasan ibn Ammar ibn Ali al-). Kitab maraki al-falah sharh nur al-idah. [Religious duties and observances according to the Hanafite school. Accompanied by the author's commentary, Maraki al-falah, with annotations selected from the supercommentary by Ahmad al-Tahtawi.] *Cairo*, 1886. 2, 197 pp. 4°.

Tarabulusi (Ali ibn Khatil al-). Muin al-hukkam. [A manual of practical Muhammadan jurisprudence according to the Hanafite school, with special reference to the disposal of civil cases. On the margin another work on the same subject by Abu al-Walid Ibrahim Muhammad called Ibn al-Shihnah, entitled Lisan al-hukkam.] *Cairo*, 1892. 4, 345, 2 pp. 4°.

Ya'kub ibn Ibrahīm (Abu Yusuf). Kitab al-Kharaj. [A treatise on the fiscal administration of the Caliphs. On the margin Abu Hanifah's al-Jami al-saghir redacted by Muhammad ibn al-Hasan al-Shaibani.] *Bulak*, 1886. 136 pp. 4°.

Hanafite School, cont'd.

Zain al-Abidin ibn Ibrahim ibn Najim al-Misri. Bahr al-raik sharh kanz al-daka'ik. [A commentary on al- Nasafi's Kanz al- daka'ik or, treatise on Muhammadan law according to the Hanafite school. On the margin the comments of Muhammad Amin called Ibn Abidin entitled Minhat al-khalik ala al-bahr al-raik.] *Cairo*, 1893. 8 v. 4°.

—— Kitab al-ashbah wal nazza'ir. *Bulak*, 1880. 8, 232 pp. 4°.

Malikite.

Ashmawi (Abd al-Bari al-). Al-mukaddimat al-ashmawiyat, commonly called al-ashmawiyat. [An introduction to Muhammadan religious observances according to the school of Malik. On the margin a commentary entitled al-mahasin al-bahiyyah fi madhhab malik imam dar al-hijrah al-nabawiyyah by Abd al-Majid al-Sharnubi.] *Bulak*, 1902. 48 pp. 3. ed. 12°.

Safati (Yusuf ibn Said al-). Hashiyat saniyat wa tahkikat bahiyat. [A supercommentary to the commentary of Ahmad ibn Turki, entitled al-Jawahir al-zakiyat, upon al-Ashmawi's introduction to Muhammadan law according to the Maliki school, entitled al-Mukaddimat al-ashmawiyat. Ahmad ibn Turki's commentary is on the margin.] *Cairo*, 1904. 176 pp. 4°.

Fagnan (E.) Al-shafi al- dalil ala nass Sayyidi Khalil. Concordances du Manuel de droit de Sidi Khalil dressées d'après l'ordre des racines sur l'edition de Paris. *Alger: P. Fontana et Cie.*, 1889. 4 p.l., 368 pp. 8°.

Fasi (Umar ibn Abdallah al-). Sharh lamiyat Ali al- Zakkak. [A treatise on Muhammadan law according to the Malikite school.] *Fes*, 1898. pp. 1–8, numbering repeated 42 times (336 pp. in all). 8°.

Khalil ibn Ishak al-Jundī. Code musulman par Khalil. (Rite malekite. Statut Réel.) Texte arabe et nouvelle traduction. Par N. Seignette. *Constantine: L. Arnolet*, 1898. 4 p.l., lxvii, 749 pp. 8°.

—— —— Compte rendu, par R. Dareste. (Journal des savants. Année 1882, pp. 253–265. *Paris*, 1882.)

—— Précis de jurisprudence musulmane ou, Principes de legislation musulmane civile et religieuse selon le rite malékite... traduit de l'arabe par M. Perron. *Paris: Imp. Nationale*, 1848–52. 6 v. 4°. (Explor. scien. de l'Algerie, 1840–42. Sci. hist. et géog. v. 10–15.)

—— —— Table analytique et alphabétique... par M. Perron. *Paris: Imp. Impériale*, 1854. 2 p.l., ii, 194 pp. 4°.

—— Précis de jurisprudence musulmane, suivant le rite malékite. *Paris: Soc. asiatique*, 1877. 2 p.l., ii, 234 pp. 4. ed. 8°.

—— Same. *Paris: Soc. asiatique*, 1883. 2 p.l., ii, 234 pp. 5. ed. 8°.

Dardir (Ahmad ibn Muhammad al-). Akrab al-masalik. [An introduction to Muhammadan law according to the Malikite school, founded upon the Mukhtasar of Khalil ibn Ishak, with the author's commentary and a supercommenitary entitled Bulghat al-salik by Ahmad al-Sawl. The commentary of the author is printed on the margin. *Cairo*, 1903–5. 2 v. 4°.

Harashi (Muhammad ibn Abd Allah al-). Sharh al-muhakkik. [A commentary on Khalil ibn Ishak's al-Muhtasar or, Compendium of Muhammadan law according to the school of Malik. On the margin a supercommentary by Ali ibn Ahmad al-Adawi.] *Bulak*, 1882. 8 v. 4°.

Iji (Abd al-Rahman Adud al-Din al-). Sharh al-kadi ala muhtasar al-muntaha. [A commentary on Ibn al-Hajib's Muhtasar al-muntaha.] *Constantinople*, 1889. 2 pts. 15, 496 pp. 8°.

Karafi (Ahmad ibn Idris al-). Anwar al-buruk. [A series of disquisitions, juridical, philosophical and philological, with reference to points of practical jurisprudence according to the Maliki school. On the margin a commentary, entitled Idrār al-shuruk, by Ibn al-Shatt.] *Tunis*, 1885. 4 v. 8°.

Kinani (Abd Allah al-). Al-ikd al-munazzam. [With special reference to civil cases. On the margin of Yamari (Burhan al- Din al-) Tabsirat al hukkam.] *Cairo*, 1883. 2 v. 4°.

Malik ibn Anas. Al-Muwatta. [In: Zurkani (Muhammad ibn Abd al-Baki al-) Sharh ala muwatta. *Cairo*, 1862.] 4 v. in 3. f°.

Meysonnasse (V.) Code civil musulman suivant le cadre du code civil français. Rite malekite. *Paris: A. Chevalier-Marescq et Cie.*, 1898. 3 p.l., 3–242 pp., 1 l. 8°.

Muhammad ibn Muhammad ibn Asim. Tuhfat al-hukkam. [A treatise on the principles of law written in Rajaz verses with the commentary of Muhammad ibn Ahmad called Mayyarah of Fez. On the margin the glosses of Abu Ali al-Hasan ibn Rihal al-Madani.] *Cairo*, 1897. 2 v. 4°.

—— Tuhfat al-hukkam fi nukat al-ukud wal ahkam. Traité de droit musulman. La Tohfat d'Ebn Acem. Texte arabe avec traduction française, commentaire juridique & notes philologiques par O. Houdas et F. Martel. *Alger: G. Saint-Lager*, 1882. x, 918 pp. 8°.

Shatibi (Ibrahim ibn Musa al-). Kitab al-muwafakat. *Tunis*, 1884. 4 v. in 2. 8°.

Sijilmasi (Abu Abd Allah Muhammad al-Filali al-). Kitab fath al-jalil al-samad. [Metrical treatise, with a commentary.] *Tunis*, 1873. 553, 1 p. 8°.

Vincent (M. B.) Études sur la loi musulmane (Rit de Malek). Legislation criminelle. *Paris: Joubert*, 1842. 127 pp. 8°.

Yamari (Burhan al-Din al-). Tabsirat al-hukkam. [On the functions of a Malikite judge and the cases which come under his jurisdiction. On the margin al-Kinani's al-ikd al-munazzam.] *Cairo*, 1883. 2 v. 4°.

Zeys (E.) Traité élémentaire de droit musulman algérien (École malékite) spécialement rédigé ...à l'usage des candidats au certificat inférieur de legislation algérienne et de coutumes indigènes. *Alger: A. Jourdain*, 1886. 2 v. 4°.

Zurkani (Muhammad ibn Abd al-Baki al-). Sharh ala sahih al-muwatta. [Text of and commentary on the corpus juris of Malik ibn Anas according to the recension of al-Masmudi.] *Cairo*, 1862. 4 v. in 3. f°.

Shafi'ite.

Ahmad ibn al-Husain ibn Ahmad. Précis de jurisprudence musulmane selon le rite chafeite, par Abou Chodja. Publication du texte arabe avec traduction et annotations, par S. Keijzer. *Leyde: E. J. Brill*, 1859. xxxii, 47, 117 pp. 8°.

Bahuti (Muhammad ibn Muhammad ibn Abd al-Muta' al-). Kitab al-matalib al-muhimmat fi ahkam al-ibadat .[On the margin the same author's Hawwash latifah wa tahkikat munifah.] *Bulak: al Hairiyyah*, 1892. 4, 128 pp. 4°.

Banani (Mustafa ibn Muhammad al-). Hashiyah ala sharh al-Mahalli. [Glosses on the commentary of Muhammad al-Mahalli on the Jam al-jawami, or principles of Muhammadan law, of Abd al-Wahhab ibn al-Subki. With the commentary are printed notes by Abd al-Rahman al-Sharbini.] *Cairo*, 1890. 2 v. in 1. 4°.

Dimyati (Abu Bakr ibn Muhammad Shata al-). Ianat al-talibin. [Glosses to the Fath al-muin, a treatise on Muhammadan law according to the Shafiite school by Zain al-Din al-Malibari. On the margin the Fath al-muin is printed with the additions of Sayyid Bakri.] *Cairo*, 1901. 4. ed. 4 v. in 2. 4°.

Ghazzi (Muhammad ibn Kasim al-). Fath al-Qarib. La révelation de l'omnipresent. Commentaire sur le précis de jurisprudence musulmane d'Abou Chodja par...G. Texte arabe, publie & traduit par ordre du gouvernement Neerlandais par L. W. C. Van den Berg. *Leide: E. J. Brill*, 1894. xvi, 742 pp. 8°.

Grasshoff (Richard). *Die allgemeinen Lehren des Obligationenrechts (Verpflichtungsfähigkeit, Stellvertretung, Bürgschaft, Konkurs und Vergleich) sowie die Lehre vom Kauf-, Vollmachts-, Gesellschaftsvertrage und von den Realcontrakten nach der Rechtsschule des Imam Esch-Schafii. Ein abschnitt aus dem kitab el buju des Abu Ishak Esch-Schirazi, übersetzt und commentiert. [Königsberg.] *Göttingen: W. F. Kästner*, 1895. 139 pp., 1 l. 8°.

Haithami (Ahmad ibn Muhammad al-). Al-fatawi al-kubra. [A collection of Fatwahs, or legal decisions, according to the Shafiite school. On the margin are the fatwahs of Shams al-Din Muhammad ibn Shihab al-Din Ahmad al-Ramli.] *Cairo*, 1890. 4 v. in 2. 4°.

Ibrahim ibn Ali al-Shirazi. Jus shafiiticum. At Tanbih auctore Abu Ishak as-Shirazi quem e codice Leidensi et codice Oxoniensi edidit A. W. T. Juynboll. *Lugduni Batavorum: E. J. Brill*, 1879. lxxxviii, 350 pp. 8°.

Juynboll (Th. W.) Handleiding tot de Kennis van de Mohammedaansche wet, volgens de leer der sjafiitische school. *Leiden: E. J. Brill*, 1903. xv, 396 pp. 8°.

—— De hoofdregelen der Sjafiitische leer van het pandrecht met een onderzoek naar haar ontstaan en naar haren invloed in Ned.-Indie. *Leiden: E. J. Brill*, 1893. v, 91 pp. 8°.

Kalyubi (Ahmad Shihab al-Din al-), *and* **Umairah.** Hawashi al-imamim al-muhakkikin. [A supercommentary on Jalal al-Din Mahalli's commentary on the Minhaj al-Talibin of al-Nawawi; on Muhammadan law according to the Shafiite school. Jalal al-Din's commentary is on the margin.] *Cairo*, 1888. 4 v. in 2. 4°.

Keijzer (S.) Handboek voor het Mohammedaansch regt... *'s Gravenhage: Belinfante*, 1853. 4 p.l., 426 pp., 1 l. 8°.

Mawardi (Ali ibn Muhammad ibn Habib al-). El Ahkam es Soulthaniya. Traité de droit public musulman...traduit et annoté d'après les sources orientales par...L. Ostrorog. *Paris: E. Leroux*, 1901. Tome 1. 4°.

—— Kitab al-ahkam al-sultaniy ah. Maverdii constitutiones politicæ, ex recensione Maximiliani Engeri accedunt adnotationes et glossarium. *Bonnæ: Apud Adolphum Marcum*, 1853. xvi, 64, ii, 432 pp. 8°. Arabic text.

—— Kitab al-ahkam al-sultaniyah. Mawerdi's publiek en administratief regt van den Islam met een inleiding over de toepasselijkheid van dat regt in Nederlandsch Indie door S. Keijzer. *'s Gravenhage: H. C. Susan*, 1862. xxxii, 253 pp. 8°.

Mukri (Ismael ibn Abu Bakr al-). Kitab unwan al-sharaf. [A compendium of Muhammadan law according to the Shafii school, so written that the first and last letters of each line and two other perpendicular columns form, when read from above downwards, four other treatises: On prosody; On the Rasuli dynasty of Yemen; On Grammar; On rhyme.] *Aleppo*, 1877. 114 pp. f°.

Nawawi (Abu Zakariya Yahya al-). Minhadj at talibin: Le guide des zélés croyants. Manuel de jurisprudence musulmane selon le rite de Chafii. Texte arabe publié...avec traduction et annotations par L. W. C. van den Berg. *Batavia*, 1882–84. 3 v. 4°.

Ramli (Shams al-din Muhammad al-). Nihayat al-muhtaj ila sharh al-minhaj. [A commentary on the Minhaj al-talibin of Abu Zakariya al-Nawawi, together with super-commentaries by Ali al-Shabramillisi; and Ahmad al-Rashidi.] *Cairo*, 1886. 8 v. 4°.

Sachau (Eduard). Muhammedanisches Recht nach schafiitischer Lehre. *Stuttgart: W. Spemann*, 1897. xxxii, 879, 27 pp. 8°. (Königl. Friedr. Wilh. Univ., Berlin. Lehrbücher des Seminars für oriental. Sprachen. v. 17.)

—— Muhammedanisches Recht nach schafiitischer Lehre. Snouck Hurgronje (C.) Anzeigen. (Zeitschrift der Deutschen morgenländischen Gesellschaft. v. 53, pp. 125–167. *Leipzig*, 1899.)

Salim ibn Sumair al-Hadri. Safinat al-naja. [A manual of Muhammadan ceremonial law according to the Shafiite school, with a commentary, Kashifat al-saja, by Muhammad Nawawi al-Jawi and al-Riyad al-badaiyah on the same subject by Muhammad Hasb Allah ibn Sulaiman.] *Cairo*, 1888. 116, 2 pp. 4°.

Sharbini (Muhammad al- Khatib al-). Mughni al-muhtaj. [A gloss to the Minhadj al-talibin, a work on Muhammadan law, by al-Nawawi.] *Cairo*, 1890. 4 v. in 2. 4°.

Sharkawi (Abd Allah ibn Hijazi al-). Hashiyat ala sharh al- tahrir. [Glosses on the Tahrir, treating of Muhammadan jurisprudence, of Abu Yahya Zakariya ibn Muhammad al-Ansari. On the margin a commentary on the Tahrir by Mustafa al-Dhahabi.] *Bulak*, 1891. 2 v. in 1. 4°.

Schafi'ite School, cont'd.

Wuestenfeld (Heinrich Ferdinand). Der Imam el Schafii, seine Schüler und Anhänger. 1–5. *Göttingen*, 1890–91. 4°. (Königl. Gesellsch. d. Wiss. z. Göttingen. Abhandl. v. 36–37.)

1. Der Imam el Schafii.
2. Die unmittelbaren Schüler des Schafii.
3. Die Anhänger des Schafii bis zum Jahre 300 d. H.
4. Die gelehrten Schafiiten des 4. Jahrh. d. H.
5. " " " " 5. " "

—— Über das Leben und die Schriften des Scheich Abu Zakarija Jahja el-Nawawi nach handschriftlichen Quellen. *Göttingen*, 1850. 4°. (K. Gesellsch. d. Wiss. z. Göttingen. Abhandl. v. 4.)

Minor schools.

Huguet (Joseph Julien Aristide). Sur le Kitab n Nil. (Soc. d'anthrop. de Paris. Bull. et mém. ser. 5, v. 4, pp. 381–391. *Paris*, 1903.)

The Kitab n Nil is a compendium of the religious, civil and criminal law of the Muhammadan sect of the Abadhites.

Ibn Hanbal (Ahmad ibn Muhammad). [Musnad, or collection of traditions. On the margin the Muntahib kunz al-ammal of Ala al-Din ibn Husam al-Din al-Mutakki.] *Cairo: Matba a Maimaniyyah*, 1893. 6 v. 4°. Arabic text.

Jauziyah (Muhammed ibn Kaiyam al-). Alturuk al-hikmiya fi al-siyasat al-shariya. [Hanbali school.] *Cairo*, 1899. 15, 308 pp. 8°.

Sacy (A. I. Silvestre de). Droit civil. Affaires des Druzes dont la connaissance est réservée aux ministres unitaires. Mariages et divorces. (In his: Exposé de la religion des Druzes. *Paris*, 1835–38. 2 v. 8°. v. 2, pp. 696–706.)

Sachau (Karl Eduard). Muhammedanisches Erbrecht nach der Lehre der Ibaditischen Araber von Zanzibar und Ostafrika. *n.t.-p. Berlin*, 1894. 159–210 p. 4°.

Extr.: Königlich Preussischen Akademie der Wissenschaften zu Berlin. Sitzungsberichte 8.

Sadi (Jumayyil ibn Hamis al-). Kitab kamus al-shariah. [A complete system of Muhammadan theology and law according to the Ibadi school.] *Zanzibar*, 1880–83. 9 v. 4°.

Yahya ibn Adam. Le livre de l'impôt foncier publié d'après le manuscrit unique appartenant à Charles Schefer... par Th. W. Juynboll. *Leide: E. J. Brill*, 1896. x, 142 pp. 8°. Arabic text.

REGIONAL.

Egypt.

Hults (E. de). Du pourvoi en cassation et de la revision en droit pénal égyptien. *Le Caire: F. Diemer*, 1899. viii, 2 l., 321 pp. 8°.

Kanun al Mahkamah al-Mukhtalitah. [Code of laws for the mixed tribunal in Egypt.] *Bulak*, 1876. 6 pts. in 1 v. 8°.

Kanun al-akubat al-ahli al-Misri. [The Egyptian penal code; February 14, 1904.] *Cairo*, 1904. 159 pp. 12°.

North Africa.

Abd al-Aziz. Droit Mozabite. De la tutelle. Extraits traduits par Hureaux...et annotés par el Hadj Salah ben Mohammed. *Alger: J. Lavagne*, 1882. 16 p. 8°.

Bidi (El). Nos justiciables musulmans. Faut il abroger le décret de 1889? Réforme de la justice criminelle. Usure et usuriers. *Constantine: D. Braham*, 1902. 85 pp., 1 l. 8°.

Bompard (M.) Législation de la Tunisie: recueil des lois, décrets et règlements en vigueur dans la regence de Tunis au 1er janvier, 1888. *Paris: E. Leroux*, 1888. xxiii, 1 l., 543 pp. 4°.

Goguyer (A.) Choix splendide de préceptes cueillis dans la loi. Petit manuel de droit immobilier suivant les deux rites musulmans orthodoxes de la régence de Tunis traduit sur la première édition du texte arabe...et annoté par A. G. *Paris: Maisonneuve et Leclerc*, 1885. 2 p.l., 108 pp. 12°.

Hanoteau (Adolphe), *and* A. LETOURNEUX. La kabylie et les coutumes kabyles. Revue et augmentée des lois et décrets formant la législation actuelle. *Paris: A. Challamel*, 1893. 2. ed. 3 v. in 2. 4°.

Isaac (Pierre Alexandre Ildephonse). Rapport ...[sur la] (Justice française et musulmane). Police et Sécurite [l'Algérie]. *Paris: P. Mouillot*, 1895. 423 pp. 4°. (France. Sénat: Session 1895. No. 36.)

Laune (Étienne). Formulaire arabe d'actes de procédure. *Oran: Paul Perrier*, 1890. 22, 106 pp. 12°.

Lescure (Paul). Du double régime foncier de la Tunisie; droit musulman et loi foncière. *Tunis: F. B. Borrel*, 1900. xviii, 378 pp., 1 l. 8°.

Manuel française-arabe; ou, Recueil d'actes administratifs, judiciares & sous seing privé traduits en arabe par E. Laune...*Alger: A. Jourdan*, 1897. xiii, 1 l., 426 pp., 2 l. 8°.

Martinot (A.) Organisation de la justice musulmane en Algérie. Recueil des lois, décrets, arretés...en vigueur, concernant la matière. *Constantine: E. Marle*, 1900. 2 p.l., ix, 218 pp. 8°.

Mercier (E.) Le code du hobous ou ouakf selon la législation musulmane. Suivi de textes des bons auteurs et de pièces originales. *Constantine: D. Braham*, 1899. 2 p.l., iii, 9–176 pp. 4°.

Pharaon (Joanny). De la législation française, musulmane et juive à Alger. *Paris: T. Barrois Fils*, 1835. 4 p.l., iv, 196 pp. 8°.

Tawati (Muhammad al-Bashir al-). Kitab almajmu al-ifadah fi ilm al-shahadah. [A treatise on laws of evidence.] *Tunis*, 1896. 11, 162 pp. 3. ed. 8°.

Vassel (Philipp). Über marokkanische Processpraxis. (Mittheil. d. Seminars f. oriental. Sprach. a. d. königl. Friedrich Wilhelms-Univ. zu Berlin. Jahrg, 5, Abtheil 2. (West-asiat. Studien.) pp. 170–232. *Berlin*, 1902).

Zeys (Ernest). Droit mozabite. Le Nil. Du mariage & de sa dissolution. *Alger: A. Jourdan*, 1891. Pt. 1. (Du mariage.) 4°.

—— Législation mozabite. Son origine ses sources, son présent, son avenir. Leçon d'ouverture faite à l'École de droit d'Alger. *Alger: A. Jourdan*, 1886. 69 pp. 4°.

Repr.: Revue algérienne et tunisienne de législation et de jurisprudence.

Africa, cont'd.

—— *and* MOHAMMED OULD SIDI SAÏD. Recueil d'actes judiciaires arabes, avec la traduction française et des notes juridiques. *Alger: A. Jourdan*, 1886. x, 185, 75 pp., 2 l. 12°.

India.

Baillie (N. B. E.) A digest of Moohummudan law on the subjects to which it is usually applied by British courts of justice in India, compiled and translated from authorities in the original Arabic. *London: Smith, Elder & Co.*, 1875–87. 2. ed. 2 v. 8°.

Pt. 1. The doctrines of the Hanifeea code of jurisprudence; Pt. 2. The doctrines of the Imameea code of jurisprudence, on the most important of the same subjects.

Grady (S. G.) A manual of Mahommedan law of inheritance and contract, comprising the doctrines of the Soonee and Sheea schools, and based upon...Sir W. H. Macnaghten's Principles...with decisions of the privy council and high courts of the presidencies in India... *London: W. H. Allen & Co.*, 1869. lvi, 285 pp. 8°.

Macnaghten (*Sir* W. H.) Principles and precedents of Moohummudan law, being a compilation of primary rules relative to inheritance, contracts and miscellaneous subjects...With additional notes and questions for students by William Sloan. Eighth reprint with digest of cases revised up to 1893. *Madras: Higginbotham & Co.*, 1897. xiii, lix, 619, xxvi pp. 8°.

Mahomed Yusoof Khan Bahadur. Mahomedan law relating to marriage, dower, divorce, legitimacy and guardianship of minors, according to the Soonnees. v. 1–2. *Calcutta: Thacker, Spink & Co.*, 1895. 2 v. 8°. (Tagore law lectures, 1891–92.)

v. 1. Texts from the Quran and the Hadees, or traditions, as sources of law.
v. 2. Marriage and other cognate subjects.

Observations on the law and constitution of India, on the nature of landed tenures and on the system of revenue and finance as established by the Moohummudum law and Moghul government; with an inquiry into the revenue and judicial administration and regulations of police...in Bengal. *London: Kingsbury, Parbury & Allen*, 1825. xxiii, 404 pp. 8°.

Sicé (E.) Traité des lois mahométanes; ou, Recueil des lois, us et coutumes des Musulmans du Décan. *Paris*, 1841. viii, 88 pp. 8°.

—— —— (Journal asiatique. 3. sèr., v. 12, pp. 149–187, 193–245. *Paris*, 1841.)

Sircar (Shama Churun). The Muhammedan law: being a digest of the law applicable especially to the Sunnis of India. *Calcutta: Thacker, Spink & Co.*, 1873. xv, 567 pp. 8°. (Tagore law lectures, 1873.)

West (*Sir* Raymond). Mohammadan law in India: its origin and growth. (Jour. Soc. of Comparative Legislation. n. s., no. 4, pp. 27–44. *London*, 1900.)

Wilson (*Sir* Roland K.) A digest of Anglo-Muhammadan law. Setting forth in the form of a code...the special rules now applicable to Muhammadans as such by the civil courts of British India. *London: W. Thacker & Co.*, 1895. xxxiii, 500 pp 8°.

—— An introduction to the study of Anglo-Muhammadan law. *London: W. Thacker & Co.*, 1894. vi, 1 l., 151 pp., 5 l. 8°.

—— Should Indian Mahommedans entail their estates? (Nineteenth Century and after. No. 347, pp. 114–123. *London*, 1906.)

Malay Archipelago.

Keijzer (Simon). Het mohammedaansche strafregt, naar arabische, javaansche en maleische bronnen. *'s Gravenhage: H. C. Susan*, 1857. xx, 176 pp. 8°.

—— Kitab toehpah, Javaansch-Mohammedaansch wetboek...Uitgegeven van wege het koninklijk Instituut voor de Taal-, Land- en Volkenkunde van Neerlandsch Indie. *'s Gravenhage: K. Fuhri*, 1853. vi, 248 pp. 8°.

Meursinge (A.) Handboek van het Mohammedaansche Regt in de Maleische Taal, naar oorspronkelijke Maleische en Arabische Werken van Mohammedaansche Regtsgeleerden bewerkt. *Amsterdam: J. Müller*, 1844. 1 p.l., xxxi, 404 pp., 1 l. 8°.

Arabic text.

Ophuijsen (C. A. van). Eenige opmerkingen naar aanleiding van de door Prof. L. W. C. van den Berg bezorgde uitgave van de Oendang-oendang Djambi. *n. t.-p.* [*'s Gravenhage*, 1896.] 153–213 pp. 8°.

Excerpt: Bijdragen, kon. Inst. voor de Taal, Land- en Volkenkunde van Ned Indië, 6. Volg. v. 2.

Roorda (T.) Kitab toehpah, een Javaansch handboek voor het Mohammedaansche regt... *Leiden: E. J. Brill*, 1874. xvi, 200 pp. 2. ed. 8°.

Winckel (C. P. K.) Essai sur les principes régissant l'administration de la justice aux Indes Orientales Hollandaises surtout dans les iles de Java & de Madoura & leur application. *Samarang: G. C. T. Van Dorp & Co.*, 1880. xii, 315 pp., 1 pl., 1 map. 8°.

Turkey.

Aristarchi Bey (Grégoire). Législation ottomane; ou, Recueil des lois, règlements, ordonnances, traités, capitulations & autres documents officiels de l'empire ottoman. *Constantinople: Frères Nicolaïdes*, 1873–88. 7 v. 8°.

Bianchi (Thomas Xavier). Khaththy Humaïoun; ou, charte-impériale ottomane du 18 fevrier, 1856, en français et en turc; suivie de la prononciation du turc figurée en lettres françaises, de notes et d'explications;...le tout faisant suite...au nouveau guide de la conversation en française et en turc. *Paris*, 1856. xiv, 25 pp. obl. 16°.

Burgaki Efendi, *and* TAL'AT EFENDI. Sharh kanun usul al-mahakamat. [A commentary on Turkish criminal law, translated from the Turkish into Arabic by Mustafa Efendi Rashid al-Rifa'i.] Pt. 1–3. *Beirut*, 1885–7. 8°.

Capos (C.) Notions élémentaires sur les successions en Turquie. (Revue de droit international et de législation comparée. sér. 2, v. 4, pp. 649–682. *Bruxelles*, 1902.)

Turkey, cont'd.

Dastur, al-. [A manual of Turkish law, translated from the Turkish into Arabic by Naufal Efendi Naufal assisted by Khalil Efendi al-Khuri.] *Beirut*, 1884. 2 v. 8°.

Filitti (Georges). La propriété foncière dans la Dobrogea d'après les lois ottomanes. Discours de rentrée prononcé le 16–28 août 1880, devant les Sections unies de la Haute Cour de Cassation et de Justice de Roumanie. *Bucarest: F. Göbl*, 1880. 47 pp. 8°.

Krcsmarik (Johann). Beiträge zur Beleuchtung des islamitischen Strafrechts; mit Rücksicht auf Theorie und Praxis in der Türkei. *Leipzig: F. A. Brockhaus*, 1904. 1 p.l., 134 pp. 8°.

Repr.: Zeitschrift der Deutchen morgenländischen Gesellschaft. Bd. 58. 1904.

Mejellè, al-. [Ottoman civil law.] *Constantinople*, 1887. 280 pp. 3. ed. 8°.

Medjellè (The); or, Ottoman civil law, translated into English by W. E. Grigsby. *London: Stevens & Sons*, 1895. 2 p.l., x, 433 pp. 8°.

Mejellè (The), translated by C. R. Tyser... D. G. Demetriades...and Ismail Haggi Effendi *Nicosia, Cyprus; Govt. Ptg. Off.*, 1901. 2 p.l., xxxx, 307 pp., 21 l. 8°.

M[ouradja] d'Ohsson. Tableau général de l'Empire Othoman, divisé en deux parties, dont l'une comprend le Législation Mahométane; l'autre, l'Histoire de l'Empire Othoman. *Paris*, 1787–90. 3 v. f°.

Ongley (F.) The Ottoman land code, translated from the Turkish by F. O. revised and the marginal notes and index added by Horace E. Miller. *London: W. Clowes & Sons*, 1892. xii, 396 pp. 12°.

Ranzi (C.) Das Verfahren vor den Civilgerichten des türkischen Reiches. *Wien*, 1900. iv, 220 pp. 8°.

Tchacos (G.) De la succession en droit ottoman. *Paris: A. Durand et Pedone-Lauriel*, 1893. 104 pp. 8°.

Walpole (Charles George). The Ottoman penal code 28 zilhijeh 1274. Translated from the French text. *London: W. Clowes & Sons*, 1888. xi, 134 pp. 12°.

Young (George). Corps de droit ottoman. Recueil des codes, lois, règlements, ordonnances et actes les plus importants du droit intérieur, et d'études sur le droit coutumier de l'Empire Ottoman. *Oxford: The Clarendon Press*, 1905. 3 v. 8°.

v. 1. Droit administratif. Droit judiciaire. Droit successoral. Droit de propriète immobilière.
v. 2. Droit des communautés privilégiées. Droit personnel. Droit interiéur. Droit militaire.
v. 3. Droit extérieur. Droit maritime. Droit sanitaire. Droit commercial extérieur.

Zia (H. Kiazim). Exposé du droit de succession musulman ab intestat en Turquie. *Lausanne: C. Pache*, 1902. 166 pp. 8°.

LIST OF DRAMAS IN THE NEW YORK PUBLIC LIBRARY RELATING TO THE JEWS, AND OF DRAMAS IN HEBREW, JUDEO-SPANISH, AND JUDEO-GERMAN; TOGETHER WITH ESSAYS ON THE JEWISH STAGE.

Prepared by Mr. A. S. Freidus, Chief of the Hebrew Department.

Order of Arrangement:

General Works.
Dramas dealing with themes of Biblical and later Jewish history (in various languages, arranged chronologically by subject-matter).
Other dramas of Jewish life (in modern languages).
Dramas in Hebrew.
Hebrew compositions.
Translations into Hebrew.
Judeo-Spanish drama.
Judeo-German drama.
Judeo-German compositions.
Translations into Judeo-German.
Judeo-German stage songs.
The Hebrew stage.
Index.

General Works.

Bell (Hillary). The Jew and the modern drama. (*New York Press*, 1900.)
Reprinted in Hebrew Standard. New York, June 8, 1900, p. 1. f°. From a reprint in Springfield (Mass.) Republican.

Enteen (Joel). Die fünf Theilen vun a Drama un seine drei Kräfte. Gestützt auf Gustav Freytag ...[Judeo-German.] (Der nayer Gayst. v. 1, p. 239–241, 289–292, 349–351. *New York*, 1898. 4°.)

Gordon (Samuel Loeb). Ha-Machazeh o ha-Drama. (In his: Torat ha-Sifrut. *Warsaw*, 1902. 8°. p. 198–212.)

Landau (Judah Leo). Yisrael ben ha-Amin (Hebrew). [First article: on the Jewish dramatists who write in German.] (Ha-Eshcol. v. 1, p. 44–53. *Krakau*, 1898. 8°.)
1, Felix Dörman. 2, Philipp Langmann.

Modlinger (Samuel). Chayye Aristo. *Wien*, 1883. sq. 8°.
Chap. 7-8 deal with Aristotle's theory of Poetry and the Drama.

Pantarhei. Ohne Drama. (Die Welt. v. 5, no. 7. *Wien*, 1901. 4°.)

—— Das deutsch-jüdische Milieudrama. (*Ibid.* no. 39.)

—— Die jüdisch sprechenden Juden und ihre Bühne. (*Ibid.* no. 41.)

—— Die Förderung jüdischer Dramatik. (*Ibid.* no. 43.)

Wordsworth (Charles), *bishop of St. Andrews.* Shakespeare's knowledge and use of the Bible. 3.ed., with appendix containing additional illustrations and tercentenary sermon. *London: Smith, Elder & Co.*, 1880. xiv, 420 p. 12°.

Biblical and later themes.

Collections.

1. **Biblical** dramas, arranged by Harris G. Hale and Newton M. Hall. *Boston: The Pilgrim Press*, 1906. 3 v. nar. 12°.
1. The story of Joseph and his brethren.
2. The story of Jacob.
3. Moses the liberator.

2. **Calderon** de la Barca (Pedro). Autos sacramentales, alegóricos, y historiales... Obras posthumas que saca á luz...J. Fernandez de Apontes. *Madrid: La Viuda de Don Manuel Fernandez*, 1759–60. 6 v. in 3. 4°.

3. **Chester** plays (The): a collection of mysteries founded upon scriptural subjects, and formerly represented by the Trades of Chester at Whitsuntide. Edited by Thomas Wright. *London: Shakespeare Soc.*, 1843–47. 2 v. 8°.

Chester plays (The). Reedited from the MSS. by the late Dr. H. Deimling. Pt. 1. *London*, 1893. 8°.

4. **Marriott** (William). A collection of English miracle-plays or mysteries; containing the dramas from the Chester, Coventry, and Towneley series, with two of latter date... *Basel: Schweighauser & Co.*, 1838. lxiii, 271 p. 8°.

5. **Mistére** (Le) du Viel Testament, publié avec introduction, notes et glossaire, par le baron James de Rothschild. *Paris: Firmin Didot & Cie.* [*Le Puy, printed*], 1878–91. 6 v. 8°. (Soc. des Anc. Textes Français.)
cf. Isidore Loeb in Revue des Études juives. v. 1, p. 308; v. 4, p. 303–304. *Paris*, 1880–82. 8°.

6. **More** (Hannah). Sacred dramas, chiefly intended for young persons: the subjects taken from the Bible...*Boston: J. West & Co.*, 1811. 191 p. 16°.

—— —— (In her Works. v. 1, p. 75–109. *New York*, 1852. 8°.)

7. **P.** (Br.) Three plays, scriptural and historical. For male characters only. Translated from the French...By Br. P. *London: S. French* [1871]. 2 p.l., 27, 26, 36 p. 12°.

Schwab (Moïse). Mots hébreux dans les mystères du moyen âge. (Revue des Études juives. v. 46, p. 148–151. *Paris*, 1903. 4°.)

8. **Teatro** ebraico, ovvero scelta di tragedie, tratte d'argomenti ebraici, parte tradotte dal francese, e parte originali italiane... *Venezia: P. Valvasense*, 1751–1752. 3 v. in 1. 8°.

General.

Bates (Katharine Lee). The English religious drama. *New York: Macmillan Co.*, 1902. 4 p.l., 254 p. 12°.

Bible (The) on the stage. [A symposium by Alexandre Dumas, fils, F. W. Farrar, and Henry Arthur Jones.] (New Review. v. 8, p. 183–189. *London*, 1893. 8°.)

Bible (The) and the stage. (Spectator. v. 70, p. 155–156. *London*, 1893. f°.)

Delfour (L. Cl.) *La Bible dans Racine... *Paris: E. Leroux*, 1891. 3 p.l., xxv, 261 p. 8°.

Lublinski (S.) Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig. Litterarische Studien. *Berlin: S. Cronbach*, 1899. 120 p. 12°.

Máchal (Jan). O dvou ceskych komediích biblickych z XVI. stoleti. *V Praze*, 1902. 14 p. 8°. (Kön.-böhm. Gesellsch. d. Wissensch. Classe f. Philos. Gesch. u. Philol. Sitzungsb. 1902, no. 2. *Prag*, 1903.)

Monceaux (Paul). Racine et la Bible. (In his: Racine. *Paris*, 1892. 8°. p. 162–184.)

Individual Plays.

Adam and Eve.

ROTHSCHILD (James de), *baron*. Le compositions dramatiques dont l'histoire d'Adam et d'Ève est le principal sujet. (In Mistére du Viel Testament. publié par le baron James de Rothschild. v. 1, p. lv–lix. *Paris*, 1878. 8°.)

9. **Klopstock** (Friedrich Gottlieb). Der Tod Adams. Ein Trauerspiel [in 3 acts]. *Leipzig: G. J. Göschen*, 1804. 2 p.l., 57 p. 8°. (In his: Werke, v. 8.)

—— La morte d'Adamo: tragedia, tradotta in Italiano. (In: Gozzi (G.) Opere. v. 7, p. 319–416. *Venezia*, 1794. 16°.)

—— La morte d'Adamo: tragedia...tradotta... dal G. Gozzi. *Venezia*, 1800. 44 p. 12°. (Teatro Moderno Applaudito. v. 45.)

10. **Mot** Adam. [A drama in three acts; translated freely from the French into Hebrew.] (In: Hornstein (Z.) Shire Kodesh. *Warsaw*, 1881. 16°. p. 13–72.)

11. **Sachs** (Hans). Tragedia von schöpfung, fal und ausstreibung Ade auss dem paradeyss; hat xj person und iij actus. (In his [Werke] Hrsg. von A. von Keller. v. 1, p. 19–52. *Tübingen*, 1870. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 102.)

12. —— Ein spil mit 11 personen, wie Gott, der Herr, Adam und Eva ihre kinder segnet. (In his: [Werke] Hrsg. von Dr. Arnold. v. 2, p. 254–268. *Berlin u. Stuttgart* [1884]. 12°. (Deutsche National-Litteratur. v. 21.)

13. **Vondel** (Joost van den). Adam in ballingschap, of aller treurspeelen treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 1, p. 93–182. *Amsterdam*, 1820. 24°.)

Cain and Abel.

ROTHSCHILD (James de), *baron*. Les représentations de la Mort d'Abel. (In: Mistére du Viel Testament, publie par le baron James de Rothschild. v. 1, p. lxvij–lxxj. *Paris*, 1878. 8°.)

14. **Alfieri** (Vittorio). Abéle, tramelogedia [in 5 acts and in verse]. (In his: Opere. v. 3, p. 23–98. *Italia* [*Viacenza*], 1809. 32°.)

—— (In his: Tragedie et vita. *Firenze*, 1842. 4°. p. 425–450.)

—— (In his: Tragedie. v. 2, p. 339–397. *Firenze*, 1855. 12°.)

15. **Byron** (6. *baron*), GEORGE GORDON NOEL BYRON. Cain: a mystery [in three acts and in verse]. 1822. (In his: Works.)

—— Cain... [Translated from the English into Hebrew by David Frischmann.] *Warsaw: "Tuschijah,"* 1900. 2 pt. in 1 v. xl., 128 p. 12°. (Bibliotheca Ibrit.)

HOLTERMANN (Adolph). Cain...by Lord Byron, critically examined. *Brunswick: F. Viewig & Son*, 1869. 27 p. 8°.

16. **Klopstock** (Friedrich Gottlieb). Der Tod Abels. Ein Trauerspiel [in 3 acts]. (In his: Werke. v. 11, p. 169–200. *Leipzig*, 1816. 8°.)

17. **Metastasio** (Pietro Antonio Domenico Bonaventura). La morte d'Abel. Azione sacra... 1732. (In his: Opere. v. 7, p. 285–326. *Londra*, 1782. 16°.)

—— —— (In his: Opere. v. 4, p. 313–354. *Mantova*, 1816. 16°.)

—— —— (In his: Opere scelte. v. 5, p. 59–88. *Milano*, 1820. 8°.)

—— —— (In his: Opere drammatiche. v. 14, p. 77–113. *Milano*, 1824. 32°.)

18. **Sachs** (Hans). Comedia. Die ungeleichen Kinder Eva, wie sie Gott, der Herr, anredt; hat xix personen unnd fünff actus. (In his: [Werke] Hrsg. von A. von Keller. v. 1, p. 53–87. *Tübingen*, 1870. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 102.)

Noah.

For bibliography see baron James de Rothschild's Introduction, in Mistére du Viel Testament, publié par le baron James de Rothschild. v. 1, p. lxxxj–lxxxij. *Paris*, 1878. 8°.

19. **Vondel** (Joost van den). Noah, of ondergang der eerste weereld. Treurspel [in 5 acts and in verse]. (In his Dichterlijke werken. v. 1, p. 183–260. *Amsterdam*, 1820. 24°.)

Abraham.

ROTHSCHILD (James de), *baron*. [Du sacrifice d'Abraham.] (In Mistére du Viel Testament, publié par le baron James de Rothschild. v. 2, p. lxxvj, lxiii. *Paris*, 1879. 8°.)

—— —— Appendice. Bibliographie de l'Abraham sacrifiant de Théodore de Bèze. (*Ibid.* p. xlix–lxij.)

20. **Goldfaden** (Abraham). Akedath Jizchak o Mahpechath Sedom we-Amorah. Biblische Operetta in 4 Akten un 40 Bildern... [Judeo-German.] *Krakau: J. Fischer*, 1897. 70 (2) p. 8°.

German title: Die Opferung Isaak oder die Zerstörung von Sodom und Gomora.

21. **Levy** (Leah). Bible plays for the Sabbath school. Abraham. *New York: Bloch Pub. Co.*, 1901. 22 p. 16°.

Isaac.

For bibliography of dramas relating to this subject see Rothschild (James de), baron. Notice sur les mystères contenus dans le tome II. (In: Mistére du Viel Testament. v. 2, p. xxviii–xxxi. *Paris*, 1879. 8°.)

22. **Genlis** (Stéphanie Félicité Ducrest de St. Aubin de), *comtesse*. Isaac, comédie en deux actes. *n. t.-p. n. p.* [182–?] 1 p.l., 117–118 p. nar. 16°.

23. **Metastasio** (Pietro Antonio Domenico Bonaventura). Isacco, figura del redentore. Azione sacra...1740. (In his: Opere. v. 7, p. 367–406. *Londra*, 1782. 16°.)

—— —— (In his: Opere. v. 8, p. 243–280. *Mantova*, 1817. 16°.)

—— —— (In his : Opere scelte. v. 5, p. 183–211. *Milano*, 1820. 8°.)

—— —— (In his: Opere drammatiche. v. 14, p. 225–258. *Milano*, 1824. 32°.)

Jacob.

For bibliography of dramas relating to this subject see Rothschild (James de), baron. Notice sur les mystères contenus dans le tome II. (In Mistére du Viel Testament. v. 2, p. xxxiii–xxxiv. *Paris*, 1879. 8°.)

24. **Sachs** (Hans). Comedia. Jacob mit seinem bruder Esaw. Hat sechs person und v actus. (In his [Werke]. Hrsg. von A. von Keller. v. 1, p. 88–110. *Tübingen*, 1870. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 102.)

25. **Story** (The) of Jacob. Arranged by Harris G. Hale and Newton M. Hall. *Boston: The Pilgrim Press*, 1906. iii (1), 20 p. nar. 12°. (Biblical dramas.)

Joseph.

ROTHSCHILD (James de), *baron*. Les principales pièces dramatiques composées sur le ... sujet à diverses époques et dans les différents pays de l'Europe. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 3, p. xxv–lxxxii. *Paris*, 1881. 8°.)

This list comprises 135 plays, aside from editions and translations.

26. **Angela** Fortunata. Aseneth. Drama in fünf Aufzugen [and in verse]. Mit Musikbeilage. *Münster in Westfalen: Alphonsus Buchhandlung* [1906]. 29 p. 16°.

The supplement is wanting.

27. **Baour-Lormian** (Pierre Marie François Louis). Omasis ; ou Joseph en Égypte, tragédie en cinq actes et en vers. *Paris: Vente*, 1807. 1 p.l., 70 p. 12°.

28. [**Chayyim** Abraham ben Aryeh Loeb] Milchamah be-Shalom. [First part called Token Alilot and second part Tokachat Megulah. Hebrew.] *Sklow: K. Berger*, 1797. 40 f. sq. 8°.

—— —— Another ed. Edited by Eliezer Power. *Zolkiew: A. J. L. Meyerhoffer*, 1806. 64 f. 12°.

—— —— Another ed. *Wilna: Menahem Man ben Baruch*, 1819. 1 p.l., 61 f. 16°.

—— —— Another ed. *Warsaw: N. Schriftgiesser*, 1883. 66 p. 12°.

—— Gedulat Joseph. [The above Hebrew work translated into Judeo-German by Eliezer Power.] *Josefow: D. S. I. Wax*, 1838. 30 f. 4°.

—— —— Another ed. *Lemberg:* [*U. W. Salat &*] *J. M. Nik*, 1882. 1 p.l., 30 l. 16°.

—— —— Another ed. *Wilna: J. L. Matz*, 1895. 2 p.l., 2–[60] p. 8°.

—— —— Another ed. *Wilna: Widow & Bros. Romm*, 1896. 120 p. 16°.

29. **Crippen** (T. G.) Joseph in Egypt. A Biblical drama in five acts. Edited by C. J. Hanssen. *New York: The Dramatic Publishing Company* [18–?]. 28 p. 16°. (The wizard series.)

30. **Ebb** (Sophie R.) Joseph. A biblical play. *New York: Bloch Pub. Co.*, 1903. 7 l. 8°.

31. **Groot** (Hugo de). Sofompaneas of Joseph in 't hof. Treurspel [in 4 acts and in verse]. Vertaelt uit het Latijn [by J. Van den Vondel]. (In: Vondel's Dichterlijke werken. v. 2, p. 77–140. *Amsterdam*, 1820. 24°.)

32. **Iliowizi** (Henry). Joseph: a dramatic representation in seven tableaux. *Minneapolis, Min.: Tribune Job Print. Co.*, 1885. 46 p. 8°.

33. [**Issachar** Baermann of Limburg.] . . . Mechirus Joseph. Die Verkauffung Josephs . . . sampt unserer hoch-teutscher Ubersetzung. [Judeo-German and German.] (In Schudt (J. J.) Jüdische Merckwürdigkeiten. pt. 3, p. 226–327. *Franckfurt*, 1714. 4°.)

Comp. *ibid.* pt. 2, section 3, p. 314–316; pt. 4, continuation 3, p. 6–10.

34. **Jacobson** (Janie). Joseph and his brethren. A Scriptural play in four acts. *n.t.-p.* [*New York: Stettiner Bros.*,] cop. 1905. 16 p. nar. 8°.

35. **Joseph** and his brethren. The Hebrew Son; or, The child of Babylon. In three acts. *New York*, 1860. 3 pt. f°.

Ms. The parts of the different characters are on loose sheets.

Prompter's copy. The name of E. F. Taylor appears on the t.-p. At the end of Isaac's part is the signature of the copyist and "Barnum's Museum, 1860." Becks bequest.

36. **Joseph** and his brethren. A drama. In three acts. *London* [1871 ?]. 26 p. (In: P. Three plays . . . For male characters only. Translated from the French . . . By Br. P. *London* [1871 ?]. 12°.)

37. **Lateiner** (Joseph). Joseph und seine Brüder. Historische Opere in 5 Akten und 9 Bilder. [Judeo-German.] [189–?] 45 l. sq. 8°.

Ms. German cursive characters.

38. **Metastasio** (Pietro Antonio Domenico Bonaventura). Giuseppe riconosciuto. Azione sacra . . . 1733. (In his Opere. v. 7, p. 245–284. *Londra*, 1782. 16°.)

—— —— (In his: Opere. v. 5, p. 315–355. *Mantova*, 1816. 16°.)

—— —— (In his: Opere scelte. v. 5, p. 89–116. *Milano*, 1820. 8°.)

—— —— (In his: Opere drammatiche. v. 14, p. 115–147. *Milano*, 1824. 32°.)

39. **Seder** Mechirat Joseph. Spiel . . . mit... Lieder zu singen in Purim...[Hebrew and Judeo-German.] *Lemberg: J. D. Süss*, 1895. 8 l. 24.

40. **Story** (The) of Joseph and his brethren. Arranged by Harris G. Hale and Newton M. Hall. *Boston: The Pilgrim Press*, 1906. iii (1), 26 p. nar. 12°. (Biblical dramas.)

41. **Vondel** (Joost van den). Joseph in Dothan. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 1, p. 261–354. *Amsterdam*, 1820. 24°.)

42. —— Joseph in Egypten. Treurspel [in 5 acts and in verse]. (*Ibid.* v. 2, p. 3–75.)

43. **Zunser** (Eliakum). Machaze Mechirath Joseph. Ein Theater-Stück in 7 Akten un in 17 Szenen...[Judeo-German.] *Wilna: Widow & Bros. Romm*, 1893. 2 pt. in 1 v. 106, (2), 107–194 p. 16°.

Moses.

For bibliography of dramas relating to this subject see Rothschild (James de), baron Notice sur les Mystères contenus dans le tome III. (In Mistére du Viel Testament. v. 3, p. lxxxix–xcj, xcvi–c, ciij–cvi, cx–cxi. *Paris*, 1881. 8°.)

44. **Brown** (Charles Hovey). Moses: a drama. *Boston: Gorham Press*, 1902. 69 p. 8°.

45. **Chateaubriand** (François Auguste René de), *vicomte*. Moïse tragédie en cinq actes [and in verse.] (In his: Oeuvres complètes. v. 24, p. 111–245. *Paris*, 1836. 8vo.)

"Le sujet de cette tragèdie est la première idolâtre des Hébreux." (Préface.)

46. **Estève** (Claude Antoine), *abbé*. Moïse sauvé des eaux. Drame en 3 actes et en vers mêlé de chant. *Poitiers: A. Dupré*, 1860. 47 p. 8°.

47. **More** (Hannah). Moses in the bulrushes: a sacred drama in three parts. (In her: Sacred dramas. *Boston*, 1811. 16°. p. 13–30.)

—— —— (In her: Works. v. 1, p. 77–81. *New York*, 1852. 8°.)

Exodus.

Rothschild (James de), *baron*. La sortie d'Égypte. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v, 3, p. xcvi–c. *Paris*, 1881. 8°.)

48. **Ezekiel**, Alexandrine poet of the 2. cent. Die Fragmente des Drama's: Die Ausführung Israël's aus Ægypten [Greek]. (In: Delitzsch, Franz. Zur Geschichte der jüdischen Poesie. *Leipzig*, 1836. 8°. p. 211–219.)

Comp. *ibid.*, p. 28.
The first drama written by a Jew, and also the earliest drama on a biblical subject.

49. —— Ἐξαγωγή. Eductio Hebræorum. [Greek and Latin.] 7 p. (In: Fragmenta Euripidis iterum edidit perditorum tragicorum omnium nunc primum collegit F. G. Wagner. Christus patiens, Ezechieli et Christianorum poetarum reliquiæ dramaticæ. Ex codibus emendavit et annotatione critica instruxit F. Dübner. *Parisiis: Firmin-Didot*, 1878. 4°.

The Ezekiel fragment in this work (ed. of 1847) is reviewed by Mangin in Jour. des savants for 1848, p. 193–208.

Frankel (Zacharias). Ueber den Einfluss der palästinischen Exegese auf die alexandrinische Hermeneutik. *Leipzig*, 1851. 8°. p. 113–119.

Herzfeld (Levi). Geschichte des Volkes Israel. v. 2, p. 517–519. *Nordhausen*, 1857. 8°.

Klein (Julius Leopold). Ezechiel. (In his: Geschichte des Drama's. v. 2, p. 262–263. *Leipzig*, 1865. 8°.)

Kuiper (K.) De Ezechiele poeta Judæo. (Mnemosyne. n. s., v. 28, p. 237–280. *Lugduni-Batavorum*, 1900. 8°.)

Contains the text of the fragments, with a translation.

—— Le poete juif Ezechiel. (Rev. d. Études juives. v. 46, p. 48–73, 161–177. *Paris*, 1903. 8°.)

A translation of the above article.

Schuerer (Emil). Ezechiel der Tragiker. (In his Geschichte des jüdischen Volkes im Zeitalter Jesu Christi. 3. ed. *Leipzig*, 1898. 8°. p. 373–376.)

50. **Vondel** (Joost van den). Pascha, ofte de verlossinghe Israëls uit Egypten. Tragi-comedischer-wyze een ieder tot leeringh op't tooneel gestelt. [In 5 acts and in verse.] (In his: Dichterlijke werken. v. 4, p. 191–290. *Amsterdam*, 1820. 24°.)

51. **Moses** the liberator, arranged by Harris G. Hale and Newton M. Hall. *Boston: The Pilgrim Press*, 1906. iii, (1), 25 p. nar. 12°. (Biblical dramas. 3.)

Joshua.

52. **Burton** (Richard). Rahab. A drama in three acts. *New York: H. Holt & Co.*, 1906. 2 p.l., 119 p. 8°.

53. **Fischmann** (Nachman Isaac). Sisera... [A drama in 2 acts and in verse; with an Introduction by Jacob Bodek. Hebrew.] *Lemberg: Chawe Grosman*, 1841. 70 p. 12°.

Gideon.

54. **Terr** (Jacob). Milchemeth ha-Jehudim, oder die geraubte Princessin. Historische Opera in 4 Akten, 6 Bilder. [Judeo-German.] *New York*, 1894. 2 p.l., 63 p. sq. 8°.

Ms. German cursive characters.

Jephtha and his Daughter.

55. **Goeij** (Roger de). Jephtah Victorieux! Drame lyrique en trois tableaux. *Paris: Fischbacher* [1898?]. A-I, xiii, 14 p. nar. 12°.

56. **Jephtha's** daughter, a scriptural drama, in three acts [and in verse]. By a Lady. (In: Alfieri (V.) Saul, a tragedy...*London*, 1821. 8°. p. 115–152.)

57. **Terr** (Jacob). Bath Jiphthach oder Jiphthach's Neder. [Judeo-German.] *New York*, 1893. 71 p. sq. 8°.

Ms. German cursive characters.

58. **Vondel** (Joost van den). Jeptha of offerbelofte. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 2, p. 141–236. *Amsterdam*, 1820. 24°.)

Moltzer (Henri Ernest). Vondel's Jeptha. (In his: Studien en schetsen van Nederlandsche letterkunde. Afl. 5. *Haarlem: F. Bohn*, 1881. 8°.)

Samson.

Picot (Émile). L'histoire de Samson... l'objet d'un certain nombre de compositions dramatiques. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. ij–xiij. *Paris*, 1882. 8°.)

59. **Lounsbery** (Grace Constant). Delilah; a drama in three acts. *New York: Scott-Thaw Co.*, 1904. 128 pp. sq. 16°.

59a. **Luzzatto** (Moses Chayyim). [Shimshon u-Felishtim. (Samson and the Philistines.) A Hebrew drama in 3 acts and in verse. Written about 1724. The first scene of the first act and the very last stanza are given by Joseph Almanzi in his Toledot Rabbi Mosheh Chayyim Luzzatto in

Kerem Chemed, v. 3, p. 129–130, *Prag*, 1838, 12°, from Luzzatto's Leshon Limmudin, v. 3 (Ms. Ghirondi).]

—— Same. (In: Almanzi (J.) Toledot R. M. Ch. Luzzatto. *Lemberg*, 1879. 16°. p. 7–10.)

—— Same. (In: Luzzatto (M. Ch.) La-Yesharim Tehillah. *Warsaw*, 1884. 12°. p. 77–79.)

60. **Milton** (John). Paradise regain'd. A Poem. In IV Books. To which is added Samson Agonistes. The Author John Milton. *London: Printed by J. M. for John Starkey at the Mitre in Fleet Street, near Temple-Bar*, 1671. 1 l., 111, 101 (1) p., 1 l. 8°.

For other editions in English see the author entry in the general catalogue.

—— Samson Agonistes Graece reddidit Georgius, Baro Lyttelton. [English Text also.] *Londini: Macmillan & Soc.*, 1867. 6 p. l., 189 p. 16°.

—— Shimshon ha-Gibbor... [A Hebrew translation in verse of Samson Agonistes, by Joseph Massel.] *Manchester: J. Massel*, 1890. v, (1), 107, (5) p. 16°.

English title: Samson Agonistes . . . Translated into Hebrew and printed by J. Massel.

STENGERS (Jeanne). Le "Samson" de Milton et de Vondel. (Rev. de l'Univ. de Bruxelles. Année 10, 261–284. *Bruxelles*, 1905. 8°.)

61. **Voltaire.** Samson, opéra [in five acts]. 1732. (In his: Œuvres complètes. v. 9, p. 1–46. [*Kehl*,] 1785. 8°.)

—— —— (In his: Œuvres complètes. v. 12, p. 63–112. *Paris*, 1829. 8°.)

62. **Vondel** (Joost van den). Samson of heilige wraeck. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 2, p. 237–316. *Amsterdam*, 1820. 24°.)

63. **Whiffen** (Edwin T.) Samson marrying, Samson at Timnah, Samson Hybristes, Samson blinded. Four dramatic poems. *Boston: R. G. Badger*, 1905. 190 p. 12°.

Ruth.

64. **Cohn** (Isaac Jehoiada.) Boaz we-Ruth. [A drama in three acts. Hebrew and German.] *Breslau: L. W. Sulzbach & Sohn*, 1834. 12 p.l., 155 (1) p. 12°.

German title: Boas und Ruth, biblisch historisches Drama in drei Aufzügen, im Hebräischen metrisch abgefasst und ins Deutsche übersetzt von Is. Jojade Cohn.

65. **Jacobsohn** (G.) Ruth...[Translated from the German into Hebrew by A. Rosett.] *Wilna: I. Romm*, 1904 35 p. 24°.

66. **Rosenzweig** (Salomon). Ruth... [A drama in 2 acts and in prose. Dedicated to Simon Schaff. Hebrew.] *Krakau: J. Fischer*, 1893. 5 p.l., 13–46 p. 16°.

German title: Ruth. Biblisches Drama in 2 Akten.

67. **Wolff-Kassel** (Ludwig). Ruth. Biblisches Schauspiel in einem Act. *Berlin: G. R. Kruse* [1884?]. 30 p. 16°.

Saül.

PICOT (Émile). La bibliographie des pièces... [sur l'histoire de Saül.] (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. xxiv–xlvij. *Paris*, 1882. 8°.)

43 titles.

68. **Alfieri** (Vittorio). Saul, a tragedy [in five acts and in verse]; translated from the Italian of Count V. Alfieri: and Jephtha's daughter, a scriptural drama. By a Lady. *London: T. Cadell*, 1821. 152 p. 8°.

—— Acharit Shaul... [Specimens of Micah Joseph Lebensohn's Hebrew translation of Alfieri's Saul, from a German translation. First scene of the first act and end of third scene of the third act.] (In: Lebensohn (M. J.) Kinnor Bat Zion. *Wilna*, 1870. 16°. p. 14–25.)

—— Same. (In: Lebensohn (A. D. B.) & Lebensohn (M. J.) Col Shire A. D. M. u- M. J. C. L. v. 6, p. 14–25. *Wilna*, 1895. 12°.)

69. **Ben-Zion** (Benedix). Schaul ha-Melech. [A Drama in 5 Acts.] [Judeo-German.] [*Alexandria, Egypt*, 1898.] 60 p. sq. 8°.

Ms. German cursive characters.

70. **Efrathi** (Joseph) *of Tropplowitz*. Meluchat Shaul... [A tragedy in 6 acts. Hebrew.] *Wien: A. Schmid*, 1793. 12 p.l., 1–57, 57², 58–95 p., 2 pl. 16°.

—— —— [2. ed., edited by Isaac Baer Levinsohn.] *Lemberg: Matfesische Buchdruckery*, 1820. 10 p.l., 82 f. 16°.

Imperfect.

—— —— Another ed. *Wien: A. Edler v. Schmid*, 1829. 10 p.l., 96 f. 12°.

—— —— Another ed. *Warsaw: I. Goldmann*, 1885. 150 p. 12°.

—— Meluchat Saul (Saul's Regieurung), ein Drama in 5 [*sic*] Akten. II. Akt, I. & II. Scene. David und Jonathan werden Freunde. IV. Akt, III. Scene. Saul's Wahnsinn. [Hebrew.] (In: Martinet (A.) Tiferet Yisrael. *Bamberg*, 1837. 8°. p. 261–267.)

Comp. H. Graetz, Geschichte der Juden, v. 11, p. 219; and A. J. Paperna, Ha- Drama (1867), p. 12–16.

71. **Heavysege** (Charles). Saul: a drama, in three parts. A new and rev. ed. *Boston: Fields, Osgood & Co.*, 1869. 436, 5 p. 12°.

—— —— *New York: Lovell Print & Pub. Co.*, 1876. 436, 5 p. 12°.

72. **Koenig** (Eberhard). König Saul. Trauerspiel. *Berlin: H. Costenoble*, 1903. 3 p.l., 166 p. 12°.

72a. **Lamartine** (Alphonse Marie Louise de Prat de). Saül; tragédie [en cinq actes et en vers, inédite]. Précédé d'une notice par C.-A. Sainte-Beuve. *Paris: C. Lévy*, 1879. 2 p.l., 210 p. 8°.

73. **Rueckert** (Friedrich). Saul und David. Ein Drama der heiligen Geschichte [in 5 acts and in verse]. Vorspiel: Saul's Erwählung [in 3 acts and in verse]. [1843.] (In his: Gesammelte poetische Werke. v. 9, p. 3–218. *Frankfurt a. M.*, 1869. 12°.)

74. **Storrs** (Lewis A.) The tragedy of Saul... *New York: G. W. Dillingham Co.* [1904.] 124 p. 12°.

75. **Voltaire.** Saül, drame [in five acts], traduit de l'anglais de M. Hut. [1763.] (In his: Oeuvres complètes. v. 46, p. 315–363. [*Kehl*,] 1785. 8°.)

—— —— (In his: Oeuvres complètes. v. 9, 223–284. *Paris*, 1829. 8°.)

Jonathan.

PICOT (Émile). Les pièces modernes... dont... [Jonathas] est l'héros. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. xlviij–liij. *Paris*, 1882. 8°.)

12 titles.

76. **Duché de Vancy** (Joseph François). Il Gionata, tragedie [in three acts]. Tradotta dal Francese da L. B. G. (In: Teatro ebraico. v. 2, p. 111–166. *Venezia*, 1751. 8°.)

David.

PICOT (ÉMILE). La liste des compositions dramatiques tirées de l'histoire de David. (In: Mistére du Viel Testament, publié par le baron James de Rothschild, v. 4, p. lvij–xcij. *Paris*, 1882. 8°.)

97 titles.

77. **Eppelberg** (W. H.) David in der Wüste oder Goliath ha-Plisohti. Historische Operette in 5 Akten mit 12 Bilder. [Judeo-German.] *Warsaw: J. Alapin*, 1888. 64 p. 8°.

78. **Klopstock** (Friedrich Gottlieb). David. Ein Trauerspiel [in 5 acts]. *Leipzig: G. J. Göschen*, 1806. 166 p. 8°. (In his: Werke. v. 10.)

79. **More** (Hannah). David and Goliath. A sacred drama, in five parts. (In her: Sacred drama. *Boston*, 1811. 16°. p. 31–71.)

—— —— (In her: Works. v. 1, p. 82–92. *New York*, 1852. 8°.

80. **Scarselli** (Flaminio). Il Davidde penitente. [A tragedy in five acts and in verse.] (In: Teatro ebraico. v. 3, p. 105–176. *Venezia*, 1752. 8°.)

81. **Wilkinson** (Florence). Two plays of Israel: David of Bethlehem, Mary Magdalen. *New York: McClure, Phillips & Co.*, 1904. 2 p. l., 233 p. 12°.

Uriah the Hittite.

81a. **Lebensohn** (Abraham Dob Baer). Uriah u- Bat Sheba...(In his Shire Sefat Kodesh. v. 2, p. 98–104. *Wilna*, 1869. 16°.)

—— Same. (In: Lebensohn (A. D. B) & Lebensohn (M. J.) Col Shire A. D. M. u- M. J. C. L. v. 1, pt. 2, p. 98–104. *Wilna*, 1895. 12°.)

Amnon and Tamar.

PICOT (Emile). Épisode d'Amnon et de Thamar. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. xciij–xcv. *Paris*, 1882. 8°.)

8 titles.

82. **Friede** (Hans). Sünde. Drama in dre Aufzügen von H. Friede (Jerta Schultz). *Stuttgart: Strecker & Schröder*, 1905. 51 p. 16°.

83. **Margulies** *or* **Margolis** (Aaron). Semel ha-Ahabah weha-Kinah...[A tragedy in 4 acts and in prose; with a preface by the publisher, Abraham Zuckermann at Warsaw. Hebrew.] *Wien: G. Brög & P. Smolensky*, 1876. 70 p. 12°.

With the author's autograph dedication to Leon Mandelstamm.

German title: Liebe und Eifersucht. Tragödie in vier Acten. Nach der Bibel. Von A. Margulies.

Absalom.

PICOT (Émile). Épisode d'Absalon. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. xcv–cv. *Paris*, 1882. 8°.)

28 titles.

84. **Bank** (Joshua). Tebusat Absalom. [A tragedy in 30 scenes and in verse; together with other poetic miscellany. Hebrew. 2. ed., enlarged.] *Odessa: L. Nitsche*, 1878. 118 p. 8°.

The drama is on p. 1–39.

85. **Calderon** de la Barca (Pedro). Los cabellos de Absalon. (In his: Obras dramaticas. v. 5, p. 105–155. *n. p.*, n. d. 4°.)

—— (In his: Comedias. v. 8, p. 105–155. *Madrid*, 1726. 8°.)

—— (In his: Comedias. v. 4, p. 193–217. *Leipsique*, 1830. 4°.)

—— (In: Biblioteca de autores españoles. v. 9, p. 421–441. *Madrid*, 1851. 4°.)

—— Die Locken Absalons. Bruchstück einer Übersetzung. (In: Schlegel (A. W. von). Spanisches Theater. v. 1, p. 307–322. *Leipzig*, 1845. 16°.)

86. **Duché de Vancy** (Joseph François). L'Assalonne, tragedia [in five acts]. Tradotta dal Francese da L. B. G. (In: Teatro ebraico. v. 2, p. 237–320. *Venezia*, 1751. 8°.)

87. **Sachs** (Hans). Ein tragedi, mit vierzehen personen zu agieren, der auffrhürische Absolom mit seinem vatter, könig David, hat fünff actus. (In his: [Werke]. Hrsg. von A. von Keller. v. 6, p. 86–111. *Tübingen*, 1872. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 110.)

88. **Vondel** (Joost van den). Koning David in ballingschap. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 2, p. 317–410. *Amsterdam*, 1820. 24°.)

89. —— Koning David herstelt. Treurspel [in 5 acts and in verse]. (*Ibid.* v. 3, p. 3–86.)

90. **Vondel** (Joost van den). De gebroeders. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 3, p. 87–180. *Amsterdam*, 1820. 24°.)

Adonijah.

PICOT (Émile). Les compositions dramatiques tirées de l'histoires d'Adonias. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 4, p. cviij–cxj. *Paris*, 1882. 8°.

5 titles.

91. **Vondel** (Joost van den). Adonias of rampzalige kroonzucht. Treurspel [in 5 acts and in verse]. (In: his Dichterlijke werken. v. 3, p. 181–270. *Amsterdam*, 1820. 24°.)

Solomon.

PICOT (Émile). Les pièces tirées de l'histoire de Salomon. (In: Mistére du Viel Testament, publié par le Baron James de Rothschild. v. 4, p. cxx–cxxxvj. *Paris*, 1882. 8°.)

43 titles.

92. **Armstrong** (George Francis). The tragedy of Israel. [pt. 3.] King Solomon. *London: Longmans, Green, Reader, and Dyer*, 1876. 2 p. l., 240 p., 1 l. 16°.

93. **Calderon** de la Barca (Pedro). La sibila del Oriente, y gran reyna de Sabá. (In his: Comedias. v. 5, p. 328–363. *Madrid*, 1730. 8°.)

Founded on his *auto* entitled: "El Arbol de la Vida."

—— (In his: Comedias. v. 3, p. 200–218. *Leipsique*, 1829. 4°.)

—— (In: Biblioteca de autores españoles. v. 14, p. 199–212. *Madrid*, 1850. 4°.)

94. **Heyse** (Paul). Sulamith. [Or the wisdom of Solomon. A drama in 5 acts. Translated into Hebrew by Samuel Loeb Gordon.] *Warsaw: "Tuschijah,"* 1896. 114 p. 12°.

95. **Horowitz** (Moses). Schelomoh ha-Melech; oder, die Liebe von Schir ha-Schirim. [Judeo-German.] [*New York*, 1893.] 1 p. l., 36 f. sq. 8°.

Ms. German cursive characters.

[Selikovitsch (George).] Prinz un Pastuch. Schelomoh ha-Melech in Thalia Theater. A Blättil idische Geschichte. [Judeo-German.] Signed: Ästheticus.] (Arbeiter Zeitung. v. 1, nos. 37–39, 41. *New York*, 1890. f°.)

96. **Keim** (Franz). Schoschanah, oder Ahabath Schilomoh. A Tragödie in 5 Akten un 10 Bilder. Nach'n Deutschen übersetzt und bearbeitet vun Benedix Ben-Lion. [Judeo-German.] [*Odessa*,] 1883. 44 l. sq. 8°.

Ms. German cursive characters.

97. **Klopstock** (Friedrich Gottlieb). Salomo. Ein Trauerspiel [in 5 acts]. *Leipzig: G. J. Göschen*, 1806. 192 p. 8°. (In: his Werke. v. 9.)

Máchal (Jan). O dvou ceskych Komediich biblickych z xvi. stoleti. *V Praze*, 1902. 14 p. 8°. (Kön.-böhm. Gesellsch. d. Wissensch. Classe f. Philos. Gesch. u. Philol. Sitzungsb. 1902, no. 2. *Prag*, 1903.)

On the two Bohemian dramas of the 16th century treating of Solomon and Elisha.

98. **Sachs** (Hans). Ein comedi, mit acht personen zu recidiren, juditium Salomonis. (In his: [Werke]. Hrsg. von A. von Keller. *Tübingen*, 1872. 8°. v. 6, p. 112–136. (Litterarischer Verein in Stuttgart. Bibliothek. v. 110.)

—— —— (In his: Werke. Hrsg. von Dr. Arnold. *Berlin u Stuttgart* [1884]. 12°. v. 2, p. 144–168. (Deutsche National-Litteratur. v. 21.)

99. **Vondel** (Joost van den). Salomon. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 3, p. 271–361. *Amsterdam*, 1820. 24°.)

Song of Solomon.

100. **Coutts** (Francis). The song of songs. A lyrical folk-play of the ancient Hebrews arranged in seven scenes. With illustrations by Henry Ospovat. *London: J. Lane*, 1906. 67 p., 6 pl. sq. 24°.

101. **Hille** (Peter). Hirtenliebe. Biblische Szene. (In: Ost und West. v. 1, col. 611–618. *Berlin*, 1901. f°.)

102. **Horowitz** (S.) Das Hohe-Lied. Das älteste dramatische Gedicht aus dem Morgenlande, nach einer neuen Eintheilung des Textes metrisch übersetzt und mit erklärenden Anmerkungen versehen von S. Horowitz. *Wien: C. Gerold's Sohn*, 1863. xviii, (1), 48 p. 12°.

103. **Rabener** (Mattathiah Simchah). Sulamit; oder, Das Hohe-Lied Salomo's, als ein dramatisches Singspiel dargestellt...nebst ebräischem Urtexte...*Jassy: H. Goldner*, 1880. 2 p.l., viii, 22; xiv, 22 p. 8°.

Text also in Hebrew.

"Song of Songs" (The) as a poetic drama. (Current literature. v. 40, p. 629–630. *New York*, 1906. 8°.)

Elijah.

104. **Schleyer** (Johann Martin). Elias, der Prophet. Biblisches Drama in 5 Aufzügen...[and in verse.] *Konstanz: Verlag des Weltsprache-Zentralbüro's*, 1891. 74 p. 8°.

Elisha.

105. **Sachs** (Hans). Comedia mit 6 personen, das witfrewlin mit dem ölkrug, und hat drey actus. (In his: Werke. Hrsg. von Dr. Arnold. *Berlin u. Stuttgart* [1884]. 12°. v. 2, p. 376–391. (Deutsche National-Litteratur. v. 21.)

Máchal (Jan). O dvou ceskych Komediich biblickych z xvi. stoleti. *V Praze*, 1902. 14 p. 8°. (Kön.-bohm. Gesellsch. d. Wissensch. Classe f. Philos. Gesch. u. Philol. Sitzungsb. 1902, no. 2. *Prag*, 1903.)

On the two Bohemian sixteenth-century dramas treating of Solomon and Elisha.

Jehu.

106. **Giupponi** (Daniele). Geu, tragedia [in five acts]. (In: Teatro ebraico. v. 3, p. 177–258. *Venezia*, 1752. 8°.)

Athaliah.

107. **Franco Mendes** (David Ben Abraham). Gemul Athaliah...[Athaliah's retribution. A drama in 3 acts and in verse; adapted from Racine's Athalie and Metastasio's Gioas. With the approbations of Solomon Salem, rabbi of the Sephardim at Amsterdam, and of Saul Loewenstamm, rabbi of the Ashkenazim there, and the eulogies of Simchah Calimani, rabbi at Venice, Abraham Ximenes Pereira, Samuel Baruch Benavente, Mordecai Tama, and Isaac ha-Cohen Belinfante, who read the proofs, the latter all at Amsterdam. Hebrew.] *Amsterdam: G. J. Janson*, 1770. 7 p.l., 5–37 f., 1 l. 12°.

Comp. the commendatory letter of Salomon Jacob Cohen at the beginning of "Geza Yishai," M. Letteris's free Hebrew translation of Racine's Athalie (which see), in which he expresses his preference for the latter work on account of the greater freedom which Letteris used in following the original.

—— —— Gemul Athaliah...[3. ed., reprinted from the first ed.; with notes by David Slucki.] *Warsaw: S. D. Zysberg & Komp.*, 1860. 2 p.l., 66 p., 1 l. 8°.

With the approbations, but without the eulogies.

108. **Horowitz** (Moses). Athaliah oder die Krönung von König Joas. Biblischer Schauspiel in 4 Akten. [Judeo-German.] *Krakau: A. Faust, Podgórre* [*printed*], 1903. 30 p. 8°.

109. **Metastasio** (Pietro Antonio Domenico Bonaventura). Gioas re di Giuda. Azione sacra ...1735. (In his: Opere. v. 6, p. 265–310. *Londra*, 1782. 16°.)

—— —— (In his: Opere. v. 7, p. 265–310. *Mantova*, 1817. 16°.)

—— —— (In his: Opere scelte. v. 5, p. 149–181. *Milano*, 1820. 8°.)

—— —— (In his: Opere drammatiche. v. 14, p. 185–223. *Milano*, 1824. 32°.)

110. **Racine** (Jean Baptiste). Athalie, Tragédie [in 5 acts, and in verse], tirée de lÉcriture Sainte, 1691. (In his: Œuvres complètes. v. 4, p. 107–246. *Paris*, 1822. 8°.)

—— —— Same. (In his Œuvres. v. 3, p. 549–705. *Paris*, 1865. 8°.)

Comp. his Remarques sur Athalie, *ibid.* v. 5, p. 205–212. For bibliography see v. 7, p. 386–389.

TROLLOPE (Henry M.) Athalie. (In his: Corneille and Racine. *Edinbugh*, 1881. 12°. p. 193–214. (Foreign classics for English readers. Edited by Mrs. Oliphant.)

—— —— Geza Yishai...[Athalie freely translated into Hebrew verse by Meir Letteris. With commendatory letters by Salomon Jacob Cohen and Solomom Loeb Rapoport.] *Wien: A. Edler von Schmid*, 1835. xvi, 144 p. 12°.

—— —— L'Attalia, tragedia. Tradotta in versi italiani dal Padre Bonifacio Collina. (In: Teatro ebraico. v. 1, p. 73–174. *Venezia*, 1751. 8°.)

Jonah.

111. **Ritchie** (John). The life of Jonah, the prophet. [A dramatic poem.] *London: Partridge & Co.* [1872.] 48 p. 12°.

Ahab, Jezebel, Naboth.

112. **Cohen** (Salomon Jacob). Maaseh Nabot ha-Yizreeli. [A drama in 2 acts. Hebrew and German.] (In his: Mattae Kedem. *Frankfurt a. M.*, 1807. 12°. p. 83–156.)

Ahaz, Hezekiah.

739–695.

113. **Terr** (Jacob). [Amnon we-Thamar.] Der Fürst vun Jerusalem un der Passtuch vun Bethlechem. Ein Tragi-Komödie in 5 Akten un 12 Bilder. [Judeo-German.] *Rostov on the Don*, 1883. 91 p. sq. 8°.

Ms. German cursive characters.
An adaptation of A. Mapu's "Ahabat Zion."

—— —— Amnon we-Thamar. *n. t.-p.* [New York, 1890.] 74 p. sq. 8°.

MS. German cursive characters.

114. **Fischmann** (Nachman Isaac). Kesher Shebna... [A drama in 5 acts and in verse. With a dedicatory poem to Sir Moses Montefiore. Hebrew.] *Lemberg: S. Stricks & J. Rohatin*, 1870. 3 p.l., x, 145 p., 2 l. 12°.

Comp. Aaron Dornzweig in Ha-Shachar, v. 2, p. 127–128. *Wien*, 1871. 8°.

Manasseh.

Middle of 7th Century, B. C.

115. **Granelli** (Giovanni). Manasse, re di Giuda. Tragedia [in five acts]. (In: Teatro ebraico. v. 1, p. 273–368. *Venezia*, 1751. 8°.)

Jeremiah, Zedekiah.

607–586.

116. **Granelli** (Giovanni). Sedecia, ultimo re di Giuda, tragedia [in five acts]. (In: Teatro ebraico. v. 1, p. 175–272. *Venezia*, 1751. 8°.)

117. **Levi** (David). Il profeta ; o, La passione di un popolo. Dramma. *Torino: Soc. Tipografica Editrice*, 1866. lxxxiv, 374 p. 8°.

Esther.

GENERAL WORKS.

Abrahams (Israel). The Purim play and the drama in Hebrew. (In his: Jewish life in the Middle Ages. *London*, 1896. 8°. p. 260–272.)

—— Queen Esther on the English stage. (In his: Festival studies. *London*, 1906. 12°. p. 124–131.)

Geiger (Ludwig). Der Estherstoff in der neuen Litteratur. (Ost und West. v. 1, col. 27–34, 101–110. *Berlin*, 1901. 4°.)

Lipsky (Louis). The Purim plays. (In New Era. v. 6, p. 385–387. *New York*, 1905. 8°.

Picot (Émile). Les œuvres principales auquelles ... [l'histoire d'Esther] à donné naissance. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 6, p. xiij–lxiij. *Paris*, 1891. 8°.)

109 titles.

Steinschneider (M.) Dramen. (In his article "Purim und Parodie," in Monatschrift f. Gesch. u. Wissenschaft d. Judenthums. v. 47, p. 84–89, 169–70; v. 48, p. 242–243. *Breslau*, 1903–04. 8°.)

INDIVIDUAL PLAYS.

118. ...**Ahasverus** Spiel. Ein schön neu Ahasverus Spiel ... mit ... Klag Liedern...1708. [Judeo-German. Anon.] (In: Schudt (J. J.) Jüdische Merckwürdigkeiten. pt. 3, p. 202–225. *Franckfurt*, 1714. 4°.)

Comp. *ibid.* pt. 2, section 2, p. 316; and M. Steinschneider in Monatschrift f. Gesch. u. Wissenschaft d. Judenthums, v. 47 (1903), p. 86.

119. **Cohn** (Herman). Der Barbier von Schuschan. Parodistisches Purimspiel mit Gesang in fünf Akten. Mit einem Noten-Anhang. *Frankfurt a. M.: J. Kauffmann*, 1894. 59, (1), 24 p. 8°.

120. **Esther** ha-Malkoh oder Haman's Mapoloh. Eine historische Drama in drei Akten. [Anon. Judeo-German. *n. p.* 1890?] 1 p.l., 51 p. sq. 8°.

MS. German cursive characters.

121. **Gitelewicz** (Gedaliah). Hadassah o Or Chadash... [A drama in 12 acts. Hebrew.] *Warsaw: A. Gins*, 1875. xxi, (3), 132, (2) p. 12°.

122. **Goldfaden** (Abraham). Theater von König Achaswerosch oder Königin Esther. Biblische Operetten in 5 Akten und 15 Bilderen. *Lemberg: M. Necheles*, 1890. 56 p. 8°.

—— König Achaswerosch... *New York: B. Rabinowitz* [1900?]. 48 p. 12°.

123. **Goldschmidt** (William). Hadassah, or the Persian queen. Operetta in three acts. Music by Sigmund Sabel. *n. p.*, cop. 1891. 35 p. 8°.

124. **Grillparzer** (Franz). Aus einem unvollendeten Drama Esther. (In his: Sämtliche Werke. v. 6, p. 269–309. *Stuttgart*, 1872. 12°.)

—— Esther. Drama in fünf Aufzügen. F. Grillparzers Fragment ergänzt von R. Krauss. *Stuttgart: Muthsche Verlagshandlung*, 1903. 111 p. 12°.

LUBLINSKI (S.) Grillparzers "Esther" und "Rahel von Toledo." (In his: Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig... *Berlin*, 1899. 120 p. 12°. p. 97–120.)

125. **Herz** (Joseph). Esther oder die belohnte Tugend. Eine Posse in vier Abschnitten, in jüdisch-

deutscher Mundart. *Fürth: M. Zirndorfer*, 1827. 2 p.l., 92 p. 16°.

—— Esther... 2. Aufl. Hrsg. von M. Müller. *Wien: A. Edler v. Schmid*, 1849. 105 (1) p., 1 pl. 16°.

—— Esther... nebst einigen noch nicht gedruckten Gedichten. 2. [*sic*] vermehrte Aufl. *Fürth: F. B. Gusdorfer*, 1854. 2 p.l., 128 p. 24°.

126. **Jacobson** (Janie). A maid of Persia. A Purim play in four acts. [*New York*] 1905. 14 p. 8°.

127. **Leibson** (Jacob J.) Too much Haman. A Purim comedy. *New York: Bloch Pub. Co.* [cop. 1903.] 13 p. 8°.

128. [**Levy**] (Clifton Harby). Haman and Mordecai, a Purim-play, in five acts. *Cincinnati: Bloch Pub. Co.*, 1886. 21 p. 12°.

129. **Manzoni** (Francesca). L'Ester, tragedia [in five acts]. (In: Teatro ebraico. v. 2, p. 5–110. *Venezia*, 1751. 8°.)

130. **Mendes** (Henry Pereira). Esther: a Purim play. *New York: P. Cowen*, 1899. 23 p. 16°.

Repr.: Amer. Hebrew.

131. **Moses** (*Mrs.* Annie Jonas). Esther. A drama in five acts. *Cincinnati: Bloch Pub. Co.*, 1887. 27 p. 8°.

132. **Ochs** (Julius). The Megilla; or, The story of Esther: an operatic medley. *Cincinnati: Bloch Pub. Co.* [190–?] 32 p. nar. 12°.

133. **Polack** (Elizabeth). Esther, the royal Jewess; or, The death of Haman! An historical drama in three acts. *London: S. French* [18–]. 30 p., 1 pl. 12°. (French's Acting edition. v. 120.)

134. **Racine** (Jean Baptiste). Esther, tragédie [in 3 acts, and in verse] tirée de l'Écriture Sainte, 1689. (In his: Œuvres complètes. v. 4, p. 1–105. *Paris*, 1822. 8°.)

—— —— (In his: Œuvres. v. 3, p. 399–547. *Paris*, 1865. 8°.)

For bibliography see v. 7 (1870), p. 384–386.

—— L'Ester, tragedia del Racine, tratta dalla Sacra Scrittura. Tradotta in versi toscani dal... Bonifacio Collina...(In: Teatro ebraico. v. 3, p. 259–334. *Venezia*, 1752. 8°.)

135. **Rapoport** (Solomon Loeb). Sheërit Yehudah...[A drama in 4 acts and in verse; partly translated from Racine's Esther. Hebrew.] *Wien: A. Edler v. Schmid*, 1827. 84 p. 12°.

Repr.: Biccure ha-Ittim, v. 8.

136. **Rosée** (Adolphe). Esther und Haman. Ein Purim-Lustspiel in einem Aufzuge. *Wien: J. Schlesinger*, 1884. 32 p. 12°.

137. **Sachs** (Hans). Comedia. Die gantze hystori der Hester zu recediren, hat xiij person unnd drey actus. [In verse.] (In his: [Werke]. Hrsg. von A. von Keller. v. 1, p. 111–113. *Tübingen*, 1870. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 102.)

Abrahams (Israel). Hans Sachs' "Esther." (In his: Festival studies. *London*, 1906. 12°. p. 132–138.)

138. **Willner** (Wolff). The book of Esther dramatized... *Cincinnati: Amer. Heb. Pub. House*, 1892. 32 p. 8°.

Daniel, Babylon.

Picot (Émile). Les compositions dramatiques dont le sujet a été emprunté au livre de Daniel. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 5, p. lj–lxvj. *Paris*, 1885. 8°.)

41 titles.

139. **Daniel** in the lions' den. A sacred drama. In five acts. *London* [1871 ?]. 36 p. (In: P. Three plays...For male characters only. Translated from the French ..By Br. P. *London* [1871 ?]. 12°.)

140. **Ermite** (L') de la Rue Gauvin. Daniel. Tragédie. *Le Mans: Leguicheux Gallienne*, 1869. 36 p. 16°.

141. **Lateiner** (Joseph). Daniel in den Löwengrube. Biblisch Oper in 4 Akten und 10 Bilder. [Judeo-German.] *New York* [189–?]. 33 l. sq. 8°.

Ms. German cursive characters.

142. **Milman** (Henry Hart). Belshazzar [dramatic poem]. (In his: Poetical works. v. 1, p. 239–357. *London*, 1839. 16°.)

143. **More** (Hannah). Belshazzar. A sacred drama, in three parts. (In her: Sacred dramas. *Boston*, 1811. 16°. p. 73–106.)

—— ——(In her: Works. v. 1, p. 92–101. *New York*, 1852. 8°.)

144. —— Daniel. A sacred drama, in seven parts. (In her: Sacred Dramas. *Boston*, 1811. 16°. p. 107–138.)

—— —— (In her: Works. v. 1, p. 101–109. *New York*, 1852. 8°.)

145. **Sanseverino** (Carlo). Ciro in Babilonia, tragedia [in five acts]. (In: Teatro ebraico. v. 3, p. 5–104. *Venezia*, 1752. 8°.)

Hananiah, Mishael, and Azariah.

Picot (Émile). Les pièces qui ont pour sujet l'histoire des trois jeunes gens jetées dans la fournaise. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 5, p. lj–lij. *Paris*, 1885. 8°.)

Susanna.

Picot (Émile). Histoire de Susanne. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 5, p. lxvj–cxj. *Paris*, 1885. 8°.)

79 titles, aside from editions and translations.

Pilger (Robert). Die Dramatisirungen der Susanna im 16. Jahrhundert. Ein Beitrag zur Entwicklungsgeschichte des deutschen Dramas. (Zeitsch. f. deutsche Philologie. v. 11, p. 129–217. *Halle*, 1880. 8°.)

Babylonian Exile and the Return.

536–1516.

146. **Gamsu** (Judah Loeb). Ezra o Shibat Zion. [A drama in 5 acts and a prologue, and in verse. Hebrew.] *Nyzehin: Wenger*, 1898. 1 p.l., 95 (1) p. 8°.

Reviewed by S. Schub in Ha-Meliz. v. 39, nos. 7, 19, 20, 111, 141. *St. Petersburg*, 1899. f°. Comp. the author's replies *ibid.* nos. 43, 49, 127.

147. **Lilienblum** (Moses Loeb). Serubabel oder Schibath-Zion. A drama in 5 akten. [Judeo-German.] *Odessa: Odesski Vyestnik*, 1887. 55 p. 8°.

148. **West** (Emma Elise). The drama of the Babylonian captivity. Arranged as a dramatic reading. (In: Werner's magazine. v. 24, p. 592–597. *New York*, 1900. 8°.)

Job.

PICOT (Émile). Liste des pièces anciennes et modernes dont l'histoire de Job a fourni le sujet. (In: Mistére du Viel Testament publié par le baron James de Rothschild. v. 5, p. iij–xij, clv–clvj. *Paris*, 1885. 8°.)

16 titles.

149. **Sachs** (Hans). Ein comedi mit neunzehn Personen, der Hiob, und hat 5 actus. (In his: [Werke]. Hrsg. von A. von Keller. v. 6, p. 29–55. *Tübingen*, 1872. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 110.)

Tobit.

PICOT (Émile). Les pièces don't l'épisode de Tobie a fourni le sujet. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 5, p. xvij–xlvj, clvj. *Paris*, 1885. 8°.)

50 titles.

150. **Sachs** (Hans). Comedia. Die gantz histori Tobie mit seinem sun, hat xiiij person und v actus. (In his: Werke. Hrsg. von A. von Keller. v. 1, p. 134–162. *Tübingen*, 1870. 8°. Litterarischer Verein in Stuttgart. Bibliothek. v. 102.)

Judith.

PICOT (Emile). Les pièces tirées de l'histoire de Judith que possèdent les diverses littératures européennes. (In: Mistére du Viel Testament, publié par le baron James de Rothschild. v. 5, p. cxix–cliv. *Paris*, 1885. 8°.)

93 titles.

151. **Aldrich** (Thomas Bailey). Judith of Bethulia: a tragedy. *Boston: Houghton, Mifflin & Co.*, 1904. 4 p.l., 98 p., 1 port. 8°.

152. **Hebbel** (Friedrich). Judith. Eine Tragödie in fünf Acten...(In his: Sämtliche Werke. [1. Abt.] Bd. 1, p. ix–xxviii, 1–81, 395–398, 409–431. *Berlin*, 1901. 8°.)

First produced at Berlin, July 6, 1840.

—— Judith...[Translated into Hebrew by S. L. Gordon.] *Warsaw: "Tuschijah,"* 1900. 77 p. 12°.

LUBLINSKI (S.) Hebbels Judith. (In his: Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig...*Berlin*, 1899. 12°. p. 5–25.)

SCHMIDT (Heinrich Julian). [Hebbel's Judith.] (In his: Geschichte der deutschen Literatur seit Lessing's Tod. v. 3, p. 333–335. *Leipzig*, 1867. 8°.)

153. **Lerner** (Joseph Judah). Judith. A historisch drama in 4 akten un 5 Bilder. [Judeo-German.] *Warsaw: J. Alapin*, 1888. 46 p. 12°.

154. **Metastasio** (Pietro Antonio Domenico Bonaventura). Betulia liberata. Azione sacra... 1734. (In his: Opere. v. 6, p. 311–352. *Londra*, 1782. 16°.)

—— —— (In his: Opere. v. 6, p. 309–349. *Mantova*, 1817. 16°.)

—— —— (In his: Opere scelte. v. 5, p. 117–147. *Milano*, 1820. 8°.)

—— —— (In his: Opere drammatiche. v. 14, p. 149–184. *Milano*, 1824. 32°.)

—— —— Teshuat Yisrael Bide Yehudit...[Betulia liberata, translated into Hebrew verse by David Franco Mendes. With the approbations of Daniel Cohen d'Azvedo, rabbi of the Sephardim at Amsterdam, and of the leaders of the Ashkenazic community there (signed: Loeb Minden), and with eulogies by Chayyim Binger and David ben Raphael Meldola of Amsterdam.] *Roedelheim: W. Heidenheim & B. M. Baschwitz*, 1804. 12 p.l., 26 f°. 12°.

The author's preface is dated 5551 [1791], the approbation and eulogies, 5552 [1792].

—— —— Teshuat Yisrael Bide Yehudit...[The same, with a German translation, in Hebrew characters, by Judah ben Judah Loeb Rosenthal. *Amsterdam?* 18–] 2 p.l., 58 (1) f. 8°.

Ms. (translator's autograph). German cursive characters. Dedicated to Hirsch Pinto.

155. **Sachs** (Hans). Ein comedi, mit 16 Personen zu recidiren, die Judith, unnd hat fünf actus. (In his: [Werke]. Hrsg. von A. von Keller. v. 6, p. 56–85. *Tübingen*, 1872. 8°. Litterarischer Verein in Stuttgart. Bibliothek. v. 110.)

Maccabees.

[**Beauvallet** (Léon *and* Frantz). Israël. a French tragedy in 5 acts and in prose.]

LAPOMMERAYE (Henri de). Israël, drame biblique. (Univers israélite. v. 35, p. 245–247. *Paris*, 1880. 8°.)

Maccabees.

156. **Bliden.** Ha-Chashmonaim. [A play in 5 acts, dramatized from Isaac M. Wise's novel. The first of the Maccabees, by Dr. Bliden. Translated into Hebrew by I. Epstein. *Jerusalem [printed]: École de Filles de Saffed*, 1893. 111 p., 1 l. 16°.

French title: Les Asmonéens, drame en cinque actes, en prose, tiré du roman The first of the Maccabees de Isaac M. Wise par M. le docteur Bliden. Traduction par I. Epstein.

157. **Calderon** de la Barca (Pedro). Judas Macabeo [in three acts.] 20 f. (In his: Obras dramaticas. v. 1. *n. p.*, n. d. 4°.)

—— —— (In his: Comedias. v. 2, p. 101–140. *Madrid*, 1726. 8°.)

—— —— (In his: Comedias. v. 1, p. 332–352. *Leipsique*, 1827. 4°.)

—— —— (In: Biblioteca de autores españoles. v. 7, p. 311–327. *Madrid*, 1851. 4°.)

158. **Houdart** de la Motte (Antoine). I Macabei, tragedia [in five acts]. (In: Teatro ebraico. v. 2, p. 167–236. *Venezia*, 1751. 8°.

159. **Jacobson** (Janie). For liberty. A Chanucah play in four acts. *n. t.-p.* [*New York: Stettiner Bros.*,] cop. 1905. 16 p. nar. 8°.

160. **Lerner** (Joseph Judah). Chanuka. A historische drama in 4 akten in 7 bilder. [Judeo-German.] *Warsaw: Baumritter & Gonsior*, 1889. 54 p. 12°.

161. **Longfellow** (Henry Wadsworth). Judas Maccabaeus. (In his: Poetical works. v. 6, p. 9–44. *Boston*, 1891. 16°.)

—— Yuda Makkavei. Drama. [Translated into Russian by P. Weinberg.] (In: Yevreiskaya Biblioteka. v. 5, p. 1–33. *St. Petersburg*, 1875. 8°.

162. **Ludwig** (Otto). Die Makkabäer. Trauerspiel in fünf Akten. (In his: Gesammelte Schriften. v. 3, p. 287–423. *Leipzig*, 1891. 12°.)

—— Die Makkabäer oder Jehuda ha-Makkabi. An istorische Tragödie in 5 Aktn und 8 Kartines. Übersetzt vinem Deutschen vin O. Ludwig und baarbeitet far der judischer Bühne vin Benedix Ben-Zion. [Judeo-German.] [*Odessa*,] 1882. 1 p.l., 101 p. sq. 8°.

Ms. German cursive characters.

—— Szenen aus der Dichtung: Die Makkabäerin. (In his: Gesammelte Schriften. v. 3, p. 424–456. *Leipzig*, 1891. 12°.)

LUBLINSKI (S.) Otto Ludwig's Makkabäer. (In his: Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig. *Berlin*, 1899. 12°. p. 61–95.)

SCHMIDT (Heinrich Julian). [Ludwig's Makkabäer.] (In his: Bilder aus dem geistigen Leben unserer Zeit. v. 4, p. 179–185. *Leipzig*, 1875. 8°.)

163. **Mendes** (Henry Pereira). Judas Maccabaeus. A Chanuka play for Sunday school children. *New York: P. Cowen*, 1898. 19 p. 16°.

164. **Stein** (Leopold). Die Hasmonäer. Drama in fünf Acten. *Prag: J. B. Brandeis* [1897?]. 141 p. 24°. (Jüdische Universal-Bibliothek. 39.)

165. **Lateiner** (Joseph). Iseho Roo (Die schlechte Frau). Operette in 4 Akten. [Judeo-German.] *Lemberg: B. Munk, Podgórze* [*printed*], 1904. 71 p. 8°.

Alexander Jannæus.

106 B. C.

166. **Landau** (Judah Leo). Dam tachat Dam. A tragedy in 5 acts. Edited with an introduction by Jacob Samuel Fuchs. Hebrew.] *Krakau: J. Fischer*, 1897. xiv, 160 p. 16°.

167. **Terr** (Jacob). Alexander Jannai der verstossene Prinz. Historische Opera in 4 Akten und 9 Bilder. [Judeo-German.] *New York*, 1898. 1 p.l., 64 p. sq. 8°.

Ms. German cursive characters.

168. —— Kether Malchuth oder Ketten und Kronen. Historische Opera in 4 Akten. *New York*, 1899. 3 p.l., 73 p. sq. 8°.

Ms. German cursive characters. The same as the preceding.

169. **Horowitz** (Moses). Bath Cohen; oder der Mishpat vor Alexandra ha-Malkah... Historische Oper in 4 Akten—6 Tablohn. [Judeo-German.] [*New York*, 189–] 34 l. sq. 8°.

Ms. German cursive characters.

Herod.

170. **Calderon** de la Barca (Pedro). El mayor monstruo los zelos, y Tetrarca de Jerusalem [in three acts]. (In his: Comedias escogidas. v. 2, p. 277–417. *Madrid*, 1828. 16°.)

—— —— (In: Biblioteca de autores españoles. v. 7, p. 481–501. *Madrid*, 1851. 4°.)

171. **Fenton** (Elijah). Mariamne. A tragedy. 2. ed. *London: T. Astley*, 1728. 104 p., 1 l. 16°.

—— —— *London: J. R. Tonson*, 1760. 3 p.l., 9–22 p. 12°.

Imperfect.

—— —— *London: J. Bell*, 1794. 88 p., 1 pl. 8°. (Bell's British theatre. v. 26?)

172. **Hebbel** (Friedrich). Herodes und Mariamne. Eine Tragödie in fünf Acten... [1850.] (In his: Sämtliche Werke. [1. Abt.] Bd. 2, p. 195–365, 413–475. *Berlin*, 1901. 8°.)

—— Herodes und Mariamne... Edited with introduction and notes by Edward Stockton Meyer. *New York: H. Holt & Co.*, 1905. xxxviii (2), 192 p. 16°.

LUBLINSKI (S.) Herodes und Mariamne. (In his: Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig... *Berlin*, 1899. p. 39–59. 12°.)

173. **Iliowizi** (Henry). Herod: a tragedy. *Minneapolis, Minn.*: [*Tribune Book Rooms*,] 1884. 80 p. 8°.

174. **Landau** (Judah Leo). Hurdos. [A tragedy in 5 Acts. Hebrew.] *Lemberg: Der Verfasser*, 1887. xl, 184 p. 12°.

German title: Herodes. Dramatisches Gedicht in fünf Acten. Reviewed by A. S. R. in Ozar ha-Sifrut. v. 2, p. 352–357. *Krakau*, 1888. 8°. Also by J. J. Unger in Monatsschrift f. d. Lit. u. Wissenschaft d. Judenthums. Hrsg. von A. S. Weissmann. v. 1, p. 299–301. *Wien*, 1889. 8°.

175. —— König Hurdus. A historische Drame in 5 Akten... [verfasst... hebräisch... und jetzt übersetzt in Jargon.] [Judeo-German.] *London: R. Mazin* [1901]. 3 p.l., 99 p., 1 port. 8°.

176. **Osborn** (Laughton). Mariamne, being the third of the tragedies of Jewish and Biblical history, and the second in continuation of volume vi. of the dramatic series by L. O. *New York: H. L. Hinton*, 1873. 2 p.l., 167–269 p. 8°.

177. **Phillips** (Stephen). Herod. A tragedy. *London: J. Lane*, 1901. 128 p. 12°.

178. **Rives** (Amelie), *Princess Troubetzkoy*. Herod and Mariamne. A tragedy. *Philadelphia: J. B. Lippincott Company*. title, p. 305–389. 8°. (Lippincott's Monthly Magazine. September, 1888.)

—— Same, separate.

179. **Rueckert** (Friedrich). Herodes der Grosse, in zwei Stücken. Erstes Stück: Herodes und Mariamne [in 5 acts and in verse]. Zweites Stück: Herodes und seine Söhne [in 5 acts and in verse]. [1844.] (In his: Gesammelte poetische Werke. v. 9, p. 219–479. *Frankfurt a M.*, 1869. 12°.)

180. [**Seiffert** (Moses).] Miriam ha-Chashmonaith. [Drama in 4 acts. Judeo-German. *New York*, 1891.] 66 p. sq. 8°.

Ms. German cursive characters. Copied by Jacob Terr.

181. **Voltaire.** Mariamne, tragédie [en cinq actes]. Represéntée, pour la première fois, le 6 mars, 1724. Revue et corrigée par l'auteur en 1762. (In his: Œuvres complètes. v. 1, p. 187–292. [*Kehl*,] 1785. 8°.)

—— —— (In his: Œuvres complètes. v. 3, p. 237–356. *Paris*, 1828. 8°.)

—— La Marianne, tragedia. Tradotta in versi italiani dal Co: Gasparo Gozzi. (In: Teatro ebraico. v. 1, p. xiii–xvi, 1–72. *Venezia*, 1751. 8°.)

John the Baptist.

182. **Heywood** (Joseph Converse). Herodias. A dramatic poem. *New York: Hurd & Houghton*, 1867. 251 p. 16°.

183. **Pellico** (Silvio). Erodiade, tragedia [in 5 acts and in verse]. (In his: Opere. v. 2, p. 445–510. *Parigi*, 1835. 12°.)

—— (In his: Opere complete. v. 2, p. 189–267. *Brusselle*, 1857. 16°.)

184. **Sudermann** (Hermann). Johannes. Tragödie in fünf Akten und einem Vorspiel. 2. Aufl. *Stuttgart: J. G. Cotta'sche Buchhandlung Nachf.*, 1898. 158 p. 12°.

185. **Wilde** (Oscar). Salome. A tragedy in one act. Translated from the French. (The John Lane version.) (*The Evening Sun, New York*, Oct. 6, 1906, p. 7–8. f°.)

—— Salome. Drama in einem Aufzuge. Ins Deutsche übertragen von Dr. Kiefer. *Leipzig: Ph. Reclam, jr.* [1904.] 40 p. 24°. (Universal-Bibliothek. 4497.)

Originally written in French in 1892. See Sherrard (R. H.) The Life of Oscar Wilde. *New York*, 1906. 8°. p. 362–363, 424–425.

Jesus Christ.

Dramas of the life of Jesus Christ will be found in the Index-Catalogue under the head of Passion plays; See also Miracle play; Mysteries.

Mary Magdalen.

186. **Heyse** (Paul). Mary of Magdala. An historical and romantic drama in five acts. The original in German prose... The translation freely adapted and written in English verse by W. Winter. *New York: Macmillan Co.*, 1903. 135 p. 12°.

187. **Wilkinson** (Florence). Two plays of Israel: David of Bethlehem; Mary Magdalen. *New York: McClure, Phillips & Co.*, 1904. 2 p.l., 233 p. 12°.

B. (G.) "Maria von Magdala" und das Judenthum. (Dr. Bloch's Oesterreichische Wochenschrift. v. 20, p. 265–266. *Wien*, 1903. 4°.)

LEWIN (M.) Maria von Magdala. (Allg. Zeitung. d. Judenthums. v. 67, p. 340–341. *Berlin*, 1903. 4°.)

188. **Lienhard** (Fritz). Ahasver. Tragödie. *Stuttgart: Greiner & Pfeiffer*, 1903. 63 p. 12°.

I. Ahasver in Jerusalem. In einem Aufzuge.
II. Ahasver an Rhein. In zwei Aufzügen.

Weasel and the Well.

189. **Goldfaden** (Abraham). Sulamith oder Bath Jerusalem. Eine musikalische Melodrama in Reimen—in 5 Akten und 15 Bilder. [Judeo-German.] [*Chicago*, 10 Jan., 1886.] (58) p. sq. 8°.

Ms. German cursive characters. Copied by Joseph Mandelkern.

—— Sulamith...in 4 Akten und in 15 Bilder. *Warsaw: Baumritter & Gonsior*, 1886. 64 p. 8°.

—— Sulamith... *Warsaw: Baumritter & Gonsior* [1891]. 64 p. 8°.

—— Sulamith...*Brooklyn, N. Y.: Hebrew Publishing Co.*, 1902. 64 p. 8°.

—— Sulamith... *Warsaw: J. Lidski*, 1905. 64 p. 8°. (Goldfaden's Theater Magazin.)

R. Ein jüdisches Winkeltheater. (Die Welt. v. 7, no. 48. *Wien*, 1903. 4°.)

Salome.

190. **Heywood** (Joseph Converse). Salome. A dramatic poem. *New York: Hurd & Houghton*, 1867. 222 p. 12°.

191. **Kossarski** (Julius). Titus oder die Zerstörung Jerusalems. Historisch-dramatisches Gedicht in vier Akten. *Leipzig: L. Schnauss*, 1855. 2 p.l., 189 p. 12°.

192. **Landau** (Judah Leo). Acharit Yerushalayim. [A tragedy in 5 acts. Hebrew.] *Lemberg: A. Wajdowicz*, 1885. 6 p.l., 166 p. 12°.

German title: Die Zerstörung Jerusalems. Dramatisches Gedicht in fünf Acten.

193. **Milman** (Henry Hart). The fall of Jerusalem, a dramatic poem. *New York: L. & F. Lockwood*, 1820. 180 p. 16°.

—— —— (In his: Poetical works. v. 1, p. xi–xvii, 1–114. *London*, 1839. 16°.)

194. **Vondel** (Joost van den). Jerusalem verwoest. Treurspel [in 5 acts and in verse]. (In his: Dichterlijke werken. v. 4, p. 89–103. *Amsterdam*, 1820. 24°.)

Berenice and Titus.

195. **Corneille** (Pierre). Bérénice, tragédie en cinq actes [and in verse]. 1670. (In his: Théâtre, avec les commentaires de Voltaire. v. 11, p. 193–284, 1 pl. *Paris*, 1797. 8°.)

—— —— Tite et Bérenice, comédie héroïque. 1670. (In his: Œuvres, avec le commentaire de Voltaire sur les pièces de théâtre, et des observations critiques sur ce commentaire par le citoyen Palissot. v. 8, p. 341–437, 1 pl. *Paris*, 1801. 8°.)

—— —— (In his: Œuvres, avec le commentaire de Voltaire et les jugements de La Harpe. v. 9, p. 93–204. *Paris*, 1821. 8°.)

—— —— (In his: Œuvres. Nouvelle éd. par M. Ch. Marty-Laveaux. v. 7, p. 183–276. *Paris*, 1862. 8°.)

For bibliography see Picot (Émile). Bibliographie cornélienne. *Paris*, 1876. 8°. nos. 87, 88, 374, 375, 621, 873, 1002–04, 1174, 1469–71.

TASCHEREAU (Jules Antoine). [Tite et Bérénice.] (In his: Histoire de la vie et des ouvrages de P. Corneille. *Paris*, 1855. 16°. p. 212–217.)

196. **Otway** (Thomas). Titus and Berenice, a tragedy...[in 3 acts and in verse] (In his: Works. v. 1, p. 201–252. *London*, 1757. 16°.)

A close imitation of Racine's Bérénice. First produced in 1676.

—— Titus and Berenice... (In his: Works. v. 1, p. 161–201. *London*, 1813. 12°.)

197. **Racine** (Jean Baptiste). Bérénice, tragédie [in 5 acts and in verse]. 1670. (In his: Œuvres complètes. v. 2, p. 293–401. *Paris*, 1822. 8°.)

—— —— (In his: Œuvres. v. 2, p. 341–444. *Paris*, 1865. 8°.)

—— —— Bérénice, de Racine. [With a preface and commentary by Voltaire.] (In: Corneille (Pierre). Théâtre avec les commentaires de Voltaire. v. 11, p. 93–192. *Paris*, 1797. 8°.)

En-Gedi, Palestine.

198. **Pellico** (Silvio). Ester d'Engaddi, tragedia [in 5 acts and in verse]. Venezia...1821. (In his: Opere. v. 2, p. 121–204. *Parigi*, 1835. 12°.)

—— —— (In his: Opere complete. v. 1, p. 147–244. *Brusselle*, 1837. 16°.)

—— Esther vin En Gedi... Vinem Italienischen hat übergisetz Benedix Ben-Zion. [Judeo-German prose.] *Odessa*, 1881. 1 p.l., 78 p. sq. 8°.

Ms. German cursive characters.

—— Ester iz En-Gedi... [Translated into Russian prose.] [*Odessa*, 1885.] 59 l. sq. 8°.

Ms.

Ishmael b. Elisha, captive at Rome.

199. **Walch** (Maurice). Les captifs. Drame judeo-romain en quatre actes et un tableau. *Paris: A. Durlacher*, 1884. 2 p.l., iv, 104 p. 12°.

Bar Cochba.

200. **Goldfaden** (Abraham). Bar Kochba (der Suhn von dem Stern); oder die letzte Täg vun Jeruscholajim. Eine musikalische Melodrama in Reimen, in 4 Akten un ein Prolog mit 14 Bilder...[Judeo-German.] 2. ed. *Warsaw: I. Alapin*, 1890. 84 p. 8°.

—— —— 3. ed. *Broohlyn, N. Y.: Heb. Pub. Co.* [190–] 80 p. 8°.

201. **Landau** (Judah Leo). Bar-Cochba. [A tragedy in 5 acts. Hebrew.] *Lemberg: A. Wajdowicz*, 1884. 5 p.l., 114 p. 12°.

German title: "Bar-Cochba. Dramatisches Gedicht in fünf Acten."

Reviewed by David Frischmann in Ha-Asif. v. 2, p. 458–463. Warsaw, 1885. 8°.

202. **Mendès** (Catulle). Le fils de l'étoile. Drame musical en cinq actes. Musique de Camille Erlanger. *Paris: Soc. Nouvelle d'Éditions Musicales* [1904]. cop. 1903. 2 p.l., 80 p. 16°.

CORALNIK (A.) Catulle Mendès' neues Drama. (Die Welt. v. 8, no. 18. *Wien*, 1904. 4°.)

LEVIN (Moritz). Barkochba in der Dichtung. (Allg. Zeitung d. Judenthums. v. 65, nos. 2–5. *Berlin*, 1901. 4°.)

Elisha ben Abujah.

203. **Goethe** (Johann Wolfgang). Ben Abujah. Goethe's Faust, eine Tragödie, in einer hebräischen Umdichtung von M. Letteris. Nebst erläuternden Anmerkungen. *Wien: Der Verfasser*, 1865. xv, (1), 232 p. 12°.

—— —— Another copy, with Ms. corrections, obviously intended for a new edition, by M. Letteris.

SMOLENSKY (Peter). [Hamlet and Faust compared; a criticism.] (In his novel: Simshat Chanef, chap. 20–21, first published in his mag. Ha-Shacher, v. 3. *Wien*, 1872. 8°.)

204. **Gordin** (Jacob). Elisha ben Abujah. A historische Drama in vier Akten. [Judeo-German.] *New York: Internat. Library Pub. Co.*, 1906. 16°.

Judah ha-Nasi.

205. **Kuniz** (Moses). Maaseh Chakamim. [Pt. 1, entitled Bet Rabbi, a drama of the life of Rabbi Judah ha-Nasi, in 6 acts and in prose; preceded by a biographical sketch of the Rabbi.] *Wien: Gedruckt mit Hraschanzkyschen Schriften*, 1805. 79 f. 12°.

No more published. Preface dated: Ofen, 1797.

180–192, Rome.

206. **Friedlaender** (Moriz). Marcia. Trauerspiel in fünf Aufzügen. *Wien: M. Waizner*, 1879. 2 p.l., 119 (1) p. 8°.

Mar Zutra II.

512–520.

207. **Horowitz** (Moses). Beth Dawid (Der Stamm Dawid's). Historische Operette in 4 Akten. *Lemberg: B. Munk, Podgorze* [*printed*], 1904. 56 p. 8°.

Chazars.

960.

208. **Horowitz** (Moses). Die Lieder von Kuzri. [Judeo-German.] *New York: J. Katzenelenbogen* [1896]. 2 l. 8°.

Rashi.

1040–1105.

209. [**Katzenelenbogen** (S. Joseph).] Rashi. A drama in 5 acts, with songs and dances. [Judeo-German.] *Odessa*, Oct. 3, 1882. 40 l. sq. 8°.

Ms. German cursive characters. Title in Russian.

1192 or 1193.

Jerusalem.

See Lessing's Nathan der Weise in section II.

1194.

England.

210. **Ben-Zion** (Benedix). A varumglücktes Auto da-fé oder Rebecca die 18 jährige Mechaschefoh. Drame in 5 Akten und zwölf Bilder. Die Maasse is arausgenumen vum Walter Scott's Roman "Ivanhoe" (Englisch) übersetzt, arrangirt und baarbet far der judischer Bühne. [Judeo-German.] *Odessa*, 1882. 1 p.l., 88 p. sq. 8°.

Ms. German cursive characters.

1195.

211. **Diamante** (Bautista Juan). Comedia famosa, titulada La Judia de Toledo. (Biblioteca de autores españoles. v. 49, p. 1–18. *Madrid*, 1859. 4°.)

RUBENSTEIN (Charles A.) Jewish characters in the Spanish drama. (Jewish Comment. *Baltimore*, May 30, 1902, p. 6–8. f°.)

Alfonso VIII. and Raquel Fermosa of Toledo.

1195.

212. **Garcia** de la Huerta (Vicente Antonio). Raquel, tragedia [in 3 acts and in verse], [1778.] (In his: Obras poeticas. v. 1. 6 p.l., p. 1–16. *Madrid*, 1786. 24°. Theatro hespañol. v. 17.)

213. **Grillparzer** (Franz). Die Jüdin von Toledo. Historisches Trauerspiel in fünf Aufzügen. (In his: Sämmtliche Werke. v. 7, p. 165–270. *Stuttgart*, 1872. 12°.)

GEIGER (Ludwig). Die Jüdin von Toledo. (In: Allg. Zeitung d. Judenthums. v. 64, nos. 2–4. *Berlin*, 1900. 4°.)

LUBLINSKI (S.) Grillparzers "Esther und Rahel von Toledo." (In his: Jüdische Charaktere bei Grillparzer, Hebbel und Otto Ludwig. *Berlin*, 1899. 12°. p. 97–120.)

214. **Vega Carpio** (Lope Felix de). Las paces de los reyes, y judía de Toledo. (Biblioteca de autores españoles. v. 41, p. 567–587. *Madrid*, 1857. 4°.)

KLEIN (Julius Leopold). Las paces de los reyes...(In his: Geschichte des Drama's. v. 10, p. 276–289. *Leipzig*, 1874. 8°.)

Beginning of 14. century.

215. **Goldfaden** (Abraham). Almasadda; oder, Die Juden in Palermo. Judische historische Operette in 5 Akten un 11 Bilder...[Judeo-German.] 30 l. sq. 8°.

Ms. German cursive characters.

—— Doktor Almasada oder die Juden in Palermo. Historische Operetta in 5 Akten un in 11

Bilder. Bearbeitet nach einem deutschen Roman... *Warsaw: Baumritter & Gonsior*, 1887. 62 p., 1 l., 1 port. 8°.

—— —— *New York: J. Saphirstein*, 1893. 62 p. 8°.

14. century.

216. **Scholz** (Wilhelm von). Der Jude von Konstanz. Tragödie in vier Aufzügen mit einem Nachspiel. *München: G. Müller*, 1905. 187 p. 12°.

1349.

217. **Lazarus** (Emma). The dance to death; a historical tragedy in five acts. (In her: Songs of a Semite. *New York*, 1882. 8°. p. 1–48.)

—— —— (In her: Poems. *Boston*, 1885. 12°. v. 2, p. 69–173.)

Levi (Harry). "The dance to death." (In his: Jewish characters in fiction. English literature. *Philadelphia*, 1903. 12°. p. 90–96.)

1356–70.

218. **Eppelberg** (W. H.) "Esterka." Drama in 5 Akten mit 9 Bilder, nach verschiedene Quellen bearbeitet. [Judeo-German.] *Warsaw: Schuldberg Bros.*, 1890. 2 p.l., 76 p. 8°.

Esterka.

219. **Kozloski** (Stanislaw). Masa Ester. ["Esterka," a historical drama in 6 acts. First appeared in the *feuilleton* of Gazeta Polska and reprinted, Warsaw, 1886. Translated into Hebrew by Israel Frankel.] (Ha-Asif. v. 5, section of fiction, p. 1–108. *Warsaw*, 1889. 8°.)

220. **Philippson** (Ludwig). Esther. Tragödie in fünf Akten... Übersetzt in der judischen Sprache und arangiert für der Bühne von N. B. Basalinski. [Judeo-German.] *Odessa*, 1881. 84p. sq. 8°.

Ms. German cursive characters.

15. century.

221. **Weissman** (Ruben). Die Nekomoh, oder die Heldin vinem 15ten Jahrhundert. Istorische Drama in 5 Akten und 8 Kartines. [Judeo-German.] [*Odessa*,] 1882. 32 l. sq. 8°.

Ms. German cursive characters.

1414.

222. **Scribe** (Augustin Eugène). La Juive, opera en cinq actes. Paroles de M. Scribe; musique de M. Halévy; divertissements de M. Taglioni: Represénté pour la première fois à Paris sur le Théâtre de l'Académie Royale de Musique, le 23 février, 1835. [*Paris: J. Didot l'Ainé*, 1835.] 47–66 p. 8°.

—— Jödinden. Opera in fem Acter...oversat af T. Overskou. 18 p. (In: Det Kongelinge Theatres Repertoire...*Kjöbenhavn*, 1828–45. nar. 8°. v. 5.)

—— Rachel ha-Yehudiyyah...[La Juive, translated into Hebrew verse by S. Marik.] *Wilna: Widow & Brothers, Romm*, 1886. 108 p. 12°.

—— Shidowka. Die Judin. A Tragödie in fünf Akten. Nach verschiedene Quellen bearbeitet vun J. J. Lerner. [Judeo-German.] *Warsaw: Baumritter & Gonsior*, 1889. 68 p. 8°.

—— —— 3. ed. *Warsaw: J. Lidski*, 1903. 68 p. 12°.

Winz (Leo). "Eleazar," "Shylock" und "Nathan der Weise." (Ost und West. v. 1, col. 661–672. *Berlin*, 1901. 4°.)

1450.

223. **Aguado** (Miguel R.) Sarah y Joseph. Drama en 3 actos, y en prosa...*Oran: V. Collet*, 1880. 4 p.l., 7–34 p., 1 pl. sq. 8°. (Galeria particular.)

1469.

224. **Terr** (Jacob). Der Mored be-Malchuth oder die Juden in Portugal. Historisch-romantische Opera in 4 Akten. [Judeo-German.] *New York*, 1899. 64 p. sq. 8°.

Ms. German cursive characters. First produced in 1899.

1470.

[**Endinger** Judenspiel (Das).]

Geiger (Ludwig). Das Endinger Judenspiel. (In: Zeitschrift f. d. Gesch. d. Juden in Deutschland. v. 2, p. 358–360. *Braunschweig*, 1888. 8°.)

1482–92.

225. **Chaschkes** (Moses). Abarbanel. [A drama in 4 acts. Translated into Hebrew blank verse from the author's Russian prose manuscript and revised by Judah Loeb Gamsu.] *Warsaw: Halter & Eisenstadt*, 1893. 114 p. 8°.

226. **Hugo** (Victor Marie). Torquemada. [A drama in five acts, and in verse.] (In his: Œuvres complètes. Éd. definitive. *Paris*, 1880-89. 8°. Drame. v. 5, p. 1–152.)

Comp. Isidore Loeb in Revue des Études juives, v. 4, p. 306–308 (Paris, 1882. 8°); also G. Selikovitsch in Ha-Maggid, v. 26, p. 202 (Lyck, 1882. f°).

227. **Meyer** (Louis). Vorspiel und Plan zu: Abarbanell oder Das Exil der Juden aus Spanien. Dramatisches Gedicht in zwei Theilen. (In his: Hinterlassene Schriften. *Berlin*, 1871. 8°. pt. 2, p. 1–22.)

—— Abarbanell, oder: Die letzten Tage der Juden in Spanien. [A drama in 4 acts and in prose.] (*Ibid.* p. 23–80.)

228. **Nossig** (Alfred). Abarbanel. Das Drama eines Volkes [in three acts]. (Die Welt. v. 10, nos. 13–14. *Köln*, 1906. 4°.)

Third act only.

Beginning of 16. century.

229. **Horowitz** (Moses). Don Judah Abravanel. Operetta in 4 Akten. [188–?] 35 l. sq. 8°.

Ms. German cursive characters.

After 1541.

230. **Shaikewitz** (Nahum Meir). Die spanische Inquisition. A Tragödie in fünf Akten. [Judeo-German.] *New York: B. Rabinowitz* [1900]. 74 p. 8°.

A dramatization of his own novel Chatan Damim. Written in 1884 and first produced at Nikolayev in 1885. The author named it "Cain oder der Brudermörder," but the New York actors re-named it "Die spanische Inquisition," in spite of the fact that the place of the action is laid in Portugal; which title has been retained in the printed play (preface).

Beginning of 17. century.

231. **Foner** (Meir). Joseph della Reina... [A tragedy in 5 acts.] *St Petersburg: L. Rabinovitch*, 1903. 136 p. 12°.

Supplement to Ha-Meliz, v. 43, no. 290. Title also in Russian.

1608.

232. **Vrchlicky** (Jaroslav). Der hohe Rabbi Löw. (Rabbinerweisheit.) Lustspiel in drei Aufzügen. Autorisirte Uebersetzung von E. Grün. *Prag: J. B. Brandeis* [1896]. 100 p. 16°. (Jüdische Universal-Bibliothek. 15.)

"Den Bühnen gegenüber Manuscript."

—— —— Also Separate.

Middle of 16. century.

233. **Goldfaden** (Abraham). Rabbi Joselmann oder die Gserot vin Elsass. Historische Oper in fünf Akten in drei un zwanzig Bilder... [Judeo-German.] *Lemberg: H. Necheles*, 1892. 68 p. 8°.

"Zum ersten Mal aufgeführt in Lemberg 16 Jänner, 1891."

—— Meliz Joscher oder Rabbi Joselmann. A historische Opera vun die Gserot von Elsass in 5 Akten un 23 Bilder... [Judeo-German.] *New York: B. Rabinowitz*, 1900. 72 p. 12°.

English title: Rabbi Yoselman.

Uriel Acosta.

234. **Gutzkow** (Karl Ferdinand). Uriel Acosta. Trauerspiel in fünf Aufzügen [and in verse]. [1847.] 100 p. (In his: Dramatische Werke. 4. Gesammtausgabe. v. 1, pt. 2. *Jena*. 1881. 12°.)

—— Uriel Acosta, a tragedy in five acts. Translated from the German by M. M. *New York: M. Ellinger & Co.*, 1860. 104 p. 12°.

—— Uriel Acosta... [A tragedy in 5 acts. A Hebrew adaptation by the teachers of the school for Jewish girls at Jaffa.] *Jerusalem: Office of "Hashkafah,"* 1905. 60 p. 16°.

—— Uriel Acosta. A Tragödie in 5 Akten... far der judische Szene übersetzt und arrangirt vin... [J. J. Lerner.] [Judeo-German.] [*Odessa*,] 1883. 103 p. sq. 8°.

Ms. German cursive characters.

—— Uriel Acosta...übersetzt un arrangirt vun J. J. Lerner. [Judeo-German.] *St. Petersburg: I. S. Levi & Co.*, 1888. 1 p.l., 45 p. 8°.

—— —— 3. ed. *Warsaw: J. Lidski*, 1903. 1 p.l., 80 p. 8°.

1648–49.

235. **Minski** (N.), *Pseud. of* NIKOLAI MAXIMOVICH WILENKIN. Osada Tulchina [The siege of Tulchin. A historical drama of the times of Bohdan Chmielnicki. In five acts, with a prologue. Russian]. (In Voskhod. v. 8, no. 1, p. 3–82. *St. Petersburg*, 1888. 8°.)

—— Die Belagerung vun Tulchin... Übersetzt vun Russischer durch A. Reisen. [Judeo-German.] *Minsk: Verlag "Kultur* [*Krakau, printed*, 1905]. 88 p. 8°.

236. **Terr** (Jacob). Rabbi Sabbathai Cohen; or, The merits of Holy Sabbath. Historical Drama in 5 acts and 15 tableaux of the time of the persecution of the Jews in [1648–1649]... [Judeo-German.] [*New York*, 1897.] 2 p.l., 71 p. sq. 8°.

Ms. German cursive characters.

Spinoza.

237. **Caroline** (Louise). Baruch von Spinoza. Drama in 5 Aufzügen. *Berlin: F. Schneider & Co.*, 1855. 147 p. 12°.

In verse.

1674.

238. **Terr** (Jacob). Judith die Perle vun Orient oder die Geheimnisse vun dem terkischen Harem. *New York*, 1902. 1 p.l., 57 p. sq. 8°.

Ms. German cursive characters. Title from cover.

18. century.

239. **Ludwig** (Otto). Der Jacobsstab. Trauerspiel in fünf Aufzügen. (In his: Gesammelte Schriften. v. 4, p. 77–122. *Leipzig*, 1891. 12°.)

First act only.

Middle of 18. century.

240. **Lateiner** (Joseph). Blümele oder die Perle von Warschau (Alilath Dam). Operette in 5 Akten. [Judeo-German.] *Krakau: A. Faust, Podgôrze* [*printed*], 1903. 63 p. 8°.

—— Alle Lieder vun die... Theater-Stuck Blümele... [*New York: J. Katzenelenbogen*, 189–.] 2 l. 8°.

—— Die Lieder von "Blümele"... *New York: J. Katzenelenbogen* [189–]. 2 l. 8°.

BEN EZRA. Ein Abend in Jargon-Theater. (Die Welt. v. 8, no. 24. *Wien*, 1904. 4°.)

1750–73.

241. **Terr** (Jacob). Der Zwilling (Theomim). Eine Drama in 5 Akten in 10 Kartines. *Rostov on the Don*, 1882. 76 p. sq. 8°.

Ms. German cursive characters.

1779.

242. **Stein** (Leopold). Der Knabenraub zu Carpentras. Drama in 4 Aufzügen. *Berlin: C. Heymann*, 1863. viii, 91 p. 12°.

—— —— *Prag: J. B. Brandeis* [1897]. 102 p. 24°. (Jüdische Universal-Bibliothek. 30.)

Moses Mendelssohn.

243. [**Mueller** (Hugo)?] Ha-Dod Mosheh ben Menahem... (A Hebrew translation of his: "Onkel Moses," a play in one act; by Baruch Jekuthiel Sussmanowitz.] *Warsaw: M. J. Halter*, 1893. 36 p. 12°.

—— Der Vetter Moses Mendelssohn. A dramatisches Bild in ein Akt. Nach dem Deutschen far der judischer Bühne bearbeitet vun J. J. Lerner. [Judeo-German.] *Warsaw: Baumritter & Gonsior*, 1889. 26 p. 12°.

1780.

244. **Mosenthal** (Salomon Hermann von). Deborah. Volksschauspiel in vier Akten. *Halle a. d. S.: O. Hendel* [18–]. 82 p., 1 port. 12°.

—— Deborah. [Translated into Hebrew by D. Radner.] *Wilna: Widow & Bros. Romm*, 1884. 114 p. 12°.

—— Leah, the forsaken. A play in five acts. [A translation of Mosenthal's Deborah by W. Benneux, adapted] By A. Daly. *London: S. French* [18–]. 44 p. 8°.

The adapter has set back the time of the action to the early part of the 18th century. First produced in Boston, 1862. Prompter's copy, interleaved. Ms. notes. Becks bequest.

—— Same. (Lacy's acting edition of plays. v. 97.)

—— Same. *New York: S. French & Son* [18–]. 44 p. 12°. (French's Standard Drama, the acting edition, no. 389.)

—— Deborah; or, the Jewish maiden's wrong! A drama in three acts. [Adapted] By Charles Smith Cheltnam. *London: T. H. Lacy* [18–]. 38 p. nar. 12°. (Lacy's acting ed. of plays. v. 63.)

First produced in London, 1864.

—— —— Same. Prompter's copy. Ms. notes. Title-page mutilated.

Becks bequest.

Before 1795.

245. **Wedel-Jarlsberg** (F. C.), *Friherre.* Jöden Philip og Bonden; eller, Naturens Discipel. Original Skuespiel i tre Akter. *Kjöbenhavn: C. Steen*, 1816. xvi, 104 p. 12°.

1794.

246. **Parvi** (*Zenon*). Rok 1794. (Berek Joselowicz.) Dramat na tle historycznem w pięciu aktach, oryginalnie wierszem napisany... Z winieta tytutowa podtug pastel rysunku S. Wyspianskiego. *Krakow: D. E. Friedlein*, 1904. 2 p.l., 87 p., 1 l. 8°.

1827.

247. [**Axenfeld** (Israel).] Der erste jüdische Rekrut in Russland im Jahre 5587 (1827) am Tage der Publicirung des betreffenden Ukases. Ein komish-tragischer Roman in jüdisch-deutschem Jargon. [*Leipzig*, 1862.] 58 p. 8°.

Comp. Wiener (L.) The History of Yiddish Literature (1899), p. 142–145.

248. [**Abramowitsch** (Shalom Jacob).] Der Prisiw. A drama in fünf Akten. Gedruckt be-Hischtadluth Mendeli Mocher Sforim. *St. Petersburg: I. Zederbaum*, 1884. iii, 87 p. 8°.

1848.

[**Sudermann** (Hermann). Der Sturmgeselle Sokrates.]

FRANZOS (Karl Emil). Die Juden in Sudermann's Komödie. (Allg. Zeitung d. Judenthums. v. 67, p. 546–549. *Berlin*, 1903. 4°.)

From his: Deutsche Dichtung.

FRIEDBERG (M.) Ein Rabbiner auf dem modernen Theater. (*Ibid.* p. 502–504.)

GEIGER (Ludwig). H. Sudermann: der Sturmgeselle Sokrates. (Monatsschrift f. Gesch. u. Wissenschaft d. Judentums. v. 50, p. 446–447. *Breslau*, 1606. 8°.)

1858.

249. **Moos** (H. M.) Mortara; or, The Pope and his inquisitors. A drama. Together with choice poems. *Cincinnati: Bloch & Co.*, 1860. 171 p. 16°.

186–.

250. **Goldfaden** (Abraham). Moschiach's Zeiten?! Epochen-Bilder der russischen Juden, als Schauspiel mit Gesang un Tänze, in 6 Akten, 4 Verwandlungen un 30 bildern. [Judeo-German.] *Krakau: J. Fischer*, 1900. 100 p. 8°.

German title: A. Goldfaden's dramatische Werke. Messias Zeiten.

GORDON (Jacob). Idische Theaters un idische Dramaturgen [Judeo-German]. (Arbeiter Zeitung. v. 3, no. 40. *New York*, 1892. f°.)

1870.

251. [**Goldenberg** (N.)] Chaim I, gromoverzhetz...[A drama in 5 acts and a prologue. Russian.] 112 p. (In: Yevreiskaya Biblioteka. v. 8. *St. Petersburg*, 1880. 8°.)

Author's name signed S. S. (in Russian characters).

252. **Atlass** (Joshua). Ha-Nirdaf me-Erez Russia. [A tragedy in three acts and in verse. Hebrew.] *Przemysl: Zupnik, Knoller & Hammerschmidt*, 1884. 60 p. 8°.

German title: Der Verfolgte von Russland. Eie Trauerspiel in drei Aufzügen, als Bild der sudrussländischen Judenverfolgungen, von Osiass Atlass.

253. **Chirikov** (Yevgeni). Yevrei...[A drama in four acts.] *München: J. Marchlewski & Co.* [1904?] 128 p. 8°.

—— The Jews. A drama in four acts...(Maccabaean. v. 9, p. 175–183, 228–236. 285–292; v. 10, p. 23–27. *New York*, 1905–06. 4°.

—— Die Juden. Schauspiel in 4 Aufzügen. Deutsch von G. Polonskij. *München: J. Marchlewski & Co.*, 1904. 112 p. 12°.

—— Juden. Piece in 4 Akten. Übersetzt durch I. Bermann. [Judeo-German.] *Warsaw: "Hazefirah,"* 1906. 105 p. 8°. (Verlag "Zeit-Bibliothek," no. 8.)

—— Synopsis. The chosen people. A dramatic portrayal of Jewish life in Russia in three acts. Staged and presented by the St. Petersburg Dramatic Co. P. N. Orleneff, director. [*New York: The International Press*, 1905.] 1 p.l., 15, (1) p., 1 pl. illus. 8°.

EISENBETT (I. G.) Yevrei v dramye Chirikova ...(Yevreiskaya Zhizn. July, 1904, p. 137–160. *St. Petersburg.* 8°.)

GORDIN (Jacob). Wegen die Drama "Pogrom." [Judeo-German.] (Arbeiter Zeitung. v. 3, no. 16. *New York*, 1892. f°.)

254. **Pinski** (David). Die familie Zebi. Tragödie in 4 Akten. Arausgegeben vun "Bund." *Genève: Imprimerie Israélite*, 1905. 76 p., 2 l. 8°. (Allg. idischer Arbeiterbund in Lita, Polen un Russland.)

—— —— Another copy on very thin paper to allow of its being smuggled into Russia. 12°.

—— —— *Warsaw: Verlags-Druckerei* [*Verlag "Die Welt," Wilna*], 1906. 1 p. l., 82 p. 12°.

255. **Rackow** (Nahum), *and* Samuel GORDON. Captain Dreyfus. Military drama in 4 acts. Typewritten, unpublished, written and produced at London in 1899. 1 p.l., 43 p. 4°.

See Saphir (Isaac). Yiddish plays. [Thumb-nail sketches by M. Biquard.] (Jewish Chronicle. London, Dec. 22, 1899, p. 19. f°.

OTHER DRAMAS OF JEWISH LIFE.

Comment.

Arndt (Wilhelm). Namen der Juden. (In his: Die Personennamen der deutschen Schauspiele des Mittelalters. *Breslau*, 1904. 8°. p. 3–16.) (Germanistische Abhandlungen. Heft 23.)

Bloch (Maurice). La femme Juive dans le roman et le théatre contemporain. Conférence faite à la Société des Études le...23 Janvier. (Archives israélites. v. 53, p. 26–29, 33–35, 44–45. *Paris*, 1892. 4°.)

—— —— (In his: Quatre conférences sur les Juifs. *Paris*, 1901. 12°. p. 219–261.)

Carrington (H.) * Die Figur des Juden in der dramatischen Litteratur des XVIII. Jahrhunderts... *Heidelberg: C. Pfeffer*, 1897. 85 p. 8°.

Croker (Thomas Francis Dillon). The stage Israelite. p. 70–72. 8°.

Clipping from the Era Almanack (London), 1881.

Dreyfus (Abraham). Le Juif au théatre. Conférence...(In: Soc. des Études juives. Actes et conférences. 1ère. année (7e année de la soc.) p. xlix–lxxi. *Paris*, 1886. 8°.)

Klein (Julius Leopold). Giudate, Judenspiele. (In his: Geschichte des Drama's. v. 4, p. 239–240. *Leipzig*, 1866. 8°.

Levi (Harry). Jewish characters in fiction. English literature. *Philadelphia, Pa.: The Jewish Chautauqua Society* [1903]. 140 p. 12°. (The Jewish Chautauqua Society. The Chautauqua system of education. Course book.)

Mabon (Charles B.) The Jew in English poetry and drama. (In: Jewish Quarterly Review. v. 11, p. 411–430. *London*, 1899. 8°.)

Philipson (David). The Jew in English fiction. *Cincinnati: R. Clarke & Co.*, 1889. 2 p.l., 156 p. 12°.

—— —— New ed., rev. and enl. *Cincinnati: R. Clarke & Co.*, 1903. 2 p.l., iii–iv p., 1 l., 5–207 p. 12°.

Rubenstein (Charles A.) Jewish characters in the Spanish drama. (Jewish Comment. *Baltimore*, May 30, 1902, p. 6–8. f°.)

Stage Jew (The). (Saturday Review. v. 62, p. 451–452. *London*, 1886. f°.)

Winz (Leo). "Eleazar," "Shylock" und "Nathan der Weise." (Ost und West. v. 1, col. 661–672. *Berlin*, 1901. 4°.)

Individual Plays.

[**Adamus** (Franz), *pseud. of* Prof. BRONNER.]

UPRIMNY (J.) Ein zionistisches Theaterstück. (Die Welt. v. 9, no. 10. *Wien*, 1905. 4°.)

A review of "Schmelz der Nibelunge" by Franz Adamus.

256. **An-ski** (S. A.), *pseud. of* RAPAPORT. Otetz i syn. [Father and son. A drama in one act.] (In: Voskhod. v. 26, Jan., p. 35–58. *St. Petersburg*, 1906. 8°.)

257. **Aretino** (Pietro). Il marescalco, comedia. (In: Teatro italiano antico. v. 5, 167–370, 1 pl. *Londra*, 1787. nar. 16°.)

—— Il marescalco. (In his: Commedie. *Milano*, 1888. 12°. p. 21–76.)

KLEIN (Julius Leopold). Der Jude in der Kommödie. (In his: Geschichte des Drama's. v. 4, p. 513–514. *Leipzig*, 1866. 8°.)

"Vielleicht ist dieser Handelsjude der Erzvater aller folgenden Komödienjuden."

258. **Berg** (O. F.), *pseud. of* OTTOKAR FRANZ EBERSBERG. Einer von unsere Leut'. Posse mit Gesang in drei Acten...[*Wien: L. Sommer*, 185–?] 39 p. 8°. (Weiner Theater—Rep. No. 194.)

Comp. Maggid Mishneh, v. 2. p. 70, 74. *Lyck*, 1880 f°.

259. **Boisson** (Marius), *and* LUCIEN RICAILLE. La vengeance du Juif. Drame social en 5 actes et 8 tableaux. Extrait du roman de J. W. Rochester (W. Krijanowsky). Musique de scène de René de Santerne. *Paris: P. V. Stock*, 1905. 204 p. 16°.

260. **Cumberland** (Richard). The Jew, a comedy. *New York: S. Campbell*, 1795. 54 p., 1 l. 12°.

—— The Jew. A comedy. Performed in London, and by the Old American Company in New York...*New York: S. Campbell*, 1796. 54 p., 1 l. sm. 12°.

—— The Jew. A comedy in five acts. *London: T. H. Lacy* [18—]. 1 p.l., 5–48 p., 1 pl. nar. 12°. (Lacy's acting edition of plays. v. 84.)

—— The Jew. A comedy in five acts...With a fine engraving. *London: J. Cumberland* [18—]. 47 p. nar. 16°.

Prompter's copy.

—— The Jew. A comedy in five acts. 16 p. (In: London stage. v. 1. [1824.] 8°.)

—— Ish Yehudi. [The Jew, translated into Hebrew by J. Brill.] *Wilna: L. Matz*, 1878. 2 p.l., 84 p. 16°.

—— Der Jud Menachem, oder, die bescheidene Tugend. Komödie in 5 Akten. Übergesetzt vinem Englischen vin Benedix Ben-Zion. [Judeo-German.] *Odessa*, 1882. 36 l. sq. 8°.

Ms. German cursive characters.

—— The Jew. (Ha-Yom, v. 2, 1887, no. 172.)

LEVI (Harry). "The Jew." (In his: Jewish characters in fiction. English literature. *Philadelphia*, 1903. 12°. p. 37–41.)

PHILIPSON (David). Cumberland's "The Jew." (In his: The Jew in English fiction. *Cincinnati*, 1903. 12°. p. 54–69.)

[**Goethe** (Johann Wolfgang von).]

TUCH (Gustav). Die Juden im Goetheschen Faust. Nach Louvierscher Erklärung. (Die Welt. v. 9, nos. 2–3, 5–6. *Wien*, 1905. 4°.)

261. **Heijermans** (Herman), *jr.* The Ghetto. A drama in four acts. Freely adapted from the Dutch...by Chester Bailey Fernald. *London: W. Heinemann*, 1899. 4 p.l., 144 p. 12°.

Comp. Jewish Comment. Sept. 15, 1899.

—— Ghetto. Ein Trauerspiel in 3 Aufzügen ...Deutsch von Franziska de Graaff. *Leipzig: K. F. Koehler*, 1903. 107 p. 8°.

GEIGER (Ludwig). Heijermanns "Ghetto." (Monatsschrift f. Gesch. u. Wissenschaft d. Judentums. v. 50, p. 445–446. *Breslau*, 1906. 8°.)

NACHER (Max). Herman Heijermans. (Die Welt. v. 80, no. 20. *Wien*, 1904. 4°.)

262. **Hilarius** (Justus), *pseud. of* S. W. SCHIESSLER. Der Anherr. Schwank in einem Aufzuge. (In his: Frische Judenkirschen. p. 67–98. *Meissen*, 1827. 24°.)

263. **Irgens** (Hanna). Moses i Tönden. Lystpil i een Akt. *Kjöbenhavn: C. Steen*, 1822. 1 p.l., 67 p. nar. 24°.

264. **Lessing** (Gotthold Ephraim). Die Juden. Lustspiel in einem Aufzuge. Verfertiget im Jahre 1749. (In his: Lustspiele. *Reutlingen*, 1780. 16°. p. 151–212.)

Also in the various ed. of his works. It was first printed in 1754 in his Schriften, v. 4.

—— Ha-Yehudim...[Die Juden, translated into Hebrew by Jacob Simeon Kahan.] *Warsaw: E. I. Schapira*, 1874. 62 p., 1 l. 16°.

—— Ha-Yehudim... [Die Juden, translated into Hebrew verse by Zebi Eleazar Teller.] *Wien: G. Brog* [*Verlag d. Vereins "Moria," Botosani*], 1880. xxvii, 96 p. 12°.

German title: Die Juden ... metrisch übersetzt von H. L. Teller.

—— Die Iden. Ein Lustspiel in drei und zwanzig Vorstellungen... übersetzt in Jüdisch Deutsch (Jargon) durch Frau Ch. E. Abramowitz. *Wilna: Widow & Bros. Romm*, 1879. 68 p. 16°.

265. —— Nathan der Weise. Ein dramatisches Gedicht in fünf Aufzügen. 1779. (In his: Sämmtliche Schriften. v. 22. 2 p.l., 54 p. *Berlin*, 1827. 24°.)

—— Nathan der Weise... mit Anmerkungen von H. Deiter. *Stuttgart: J. G. Cotta*, 1886. viii, 196 p. 16°. (Schul-Ausgaben deutscher Klassiker.)

—— Nathan der Weise... 2. rev. ed. *Oxford: Clarendon Press*, 1893. lvi, 301 (3) p. 16°. (German classics, ed. by C. A. Buchheim. v. 6.)

—— Nathan den Vise. Dramatisk Digt i fem Acter. 55 p. (In: Det Kongelige Theaters Repertoire... *Kjöbenhavn*, 1828–45 ? nar. 8°. v. 8.)

—— Nathan the Wise, a dramatic poem; translated by Ellen Frothingham; preceded by a brief account of the poet and his works [by Henry Holt]; and followed by an essay on the poem, by Kuno Fischer. *New York: Leypoldt & Holt*, 1868. xxiii, 259 p. 12°.

—— Nathan the Wise... translated by W. Taylor. Emilia Galotti... translated by C. L. Lewes. *Leipzig: B. Tauchnitz*, 1868. 2 p.l., 298 p., 1 l. 16°. (Collection of German authors, v. 9.)

—— Nathan the Wise... translated into English prose by Isidor Kalisch. *New York: Waldheimer & Zenn*, 1869. 1 p.l., ix, 212 p. 16°.

—— Lessing's Nathan the Wise, translated into English verse by E. K. Corbett, with an introduction and notes. *London: Kegan Paul, Trench & Co.*, 1883. lvi, (2), 185 p. 12°.

—— Nathan he-Chacham... [Hebrew translation by Simon Bacher.] *Wien: J. Schlossberg*, 1866. xiv, (2), 207, (3) p. 12°.

German title: Nathan der Weise. Dramatisches Gedicht in fünf Aufzügen ... Ins Ebräische übersetzt von S. Bacher.
Comp. Allg. Zeitung d. Judenthums, v. 31 (1867). no. 30.

—— Same. (In: Bacher (S.) Shaar Shimeon. v. 3. 1 p.l., 266 p. *Wien*, 1894. 8°.)

—— Nathan he-Chacham... [Hebrew translation by Abraham Baer Gottlober.] *Wien: Spitzer & Holzwarth Jr.*, 1874. xxix, (1), 272, (2) p. 12°.

Comp. Ha-Shachar, v. 4 (1873). p. 393–399; v. 5 (1874), p. 496.

—— Nathan he-Chochom. Eine dramatische Unterhandlung... in 5 Erscheinungen... frei übersetzt... vun I. J. Linetzki. [Judeo-German.] *Odessa: P. A. Leleni*, 1884. 80 p. 8°.

German title: Nathan der Weise. Ein dramatisches Gedicht in 5 Aufzügen ... Frei-bearbeitet im Jüdischen von I. J. Linetzci [*sic*].

—— Nathan der Chochom... Bearbeitet in a Erzählungs-Forme vun B. Gorin. [Judeo-German.] *New York: Katzenelenbogen & Rabinowitz*, 1900. 1 p.l., 71 p. 8°.

CARRUTH (William Herbert). Lessing's treatment of the story of the ring and its teaching. (Modern Language Assoc. Publications. v. 16, p. 107–116. *Baltimore*, 1901. 8°.)

LEHMANN (Emil). Lessing in seiner Bedeutung für die Juden. Vortrag... (In his: Gesammelte Schriften. *Berlin*, 1899. 8°. p. 235–256.)

MUELLER (David Heinrich). Toledot Nathan he-Chacham [Hebrew]. (Ha-Shachar. v. 4, p. 39–53. *Wien*, 1873. 8°.)

MYNSTER (J. P.) Over Lessings Nathan den Vise. (In: Det skandinaviske Litteraturselskabs Skrifter. v. 13, p. 136–186. *Kjöbenhavn*, 1814. 16°.)

SAUER (August). Uber den fünffüssigen Iambus von Lessing's Nathan. (Kais. Akad. d. Wissenschaften. Philos.-hist. Cl. Sitzungsb., Bd. 90, p. 625–717. *Wien*, 1878. 8°.)

SCHMIDT (Erich). Nathan der Weise. (In his: Lessing. v. 2, p. 486–581. *Berlin*, 1892. 8°.)

SCHMIDT (Heinrich Julian). [Lessing's Nathan.] (In his: Geschichte der deutschen Litteratur von Leibniz bis auf unsere Zeit. v. 2, p. 343–347. *Berlin*, 1886. 8°.)

SMOLENSKY (Peter). [The story of the ring favorable to Judaism, which we know to be the original of the three religions !] (In his novel: Simchat Chanef, chap. 21, first published in his mag. Ha-Shachar, v. 3. *Wien*, 1872. 8°.)

TROSIEN (E.) Lessing's Nathan der Weise. Vortrag. *Berlin: C. Habel*, 1876. 32 p. 8°. (Virchow & Holtzendorff's Sammlung gemeinverständlicher wissenschaftlicher Vorträge. Serie xi, Heft 263.)

WINZ (Leo). "Eleazar," "Shylock" und "Nathan der Weise." (Ost und West. v. 1, col. 661–672. *Berlin*, 1901. 4°.)

266. [**Mannheimer** (Adolf).] Festspiel zu Ehren des Directors der Realschule der israelitischen Gemeinde zu Frankfurt am Main... Dr. Hermann Baerwald, aufgeführt bei seinem fünfundzwanzigjärigen Amtsjubiläum, am 3 August 1893. *Frankfurt a. M.: Kump und Reis*, 1893. 36 p. 8°.

267. **Marlowe** (Christopher). The Jew of Malta. (In: Dodsley's Select collection of old plays. v. 8, p. 299–395. *London*, 1780. 16°.)

—— The Jew of Malta. (In his: Works. v. 1, p. 227–349. *London*, 1850. 12°.)

DAVIDSON (Israel). Ha-Yehudi be-sifrut ha-anglit. [Hebrew.] [1. The Jew of Malta.] *New York: A. H. Rosenberg*, 1895. 15 p. 8°.

Repr.: Ner ha-Maarabi, v. 1, nos. 6–7. Eng. title: The Jew in English fiction.

—— Shylock and Barabas: a study in character. [*Sewanee*, 1901.] 1 p.l., 14 p. 8°.

Repr.: Sewanee Rev. v. 9, no. 3.

KLEIN (Julius Leopold). The Jew of Malta. (In his: Geschichte des Drama's. v. 13, p. 667–708. *Leipzig*, 1876. 8°.)

LEVI (Harry). "The Jew of Malta." (In his: Jewish characters in fiction. English literature. *Philadelphia*, 1903. 12°. p. 13–20.)

PHILIPSON (David). Marlowe's "Jew of Malta." (In his: The Jew in English fiction. *Cincinnati*, 1903. 12°. p. 19–33.)

WARD (Adolphus William). [Marlowe's Jew of Malta.] (In his: A history of English dramatic literature. v. 1, p. 185–192. *London*, 1875. 8°.)

268. **Nordau** (Max Simon). Doktor Kohn. Bürgerliches Trauerspiel aus der Gegenwart in vier Aufzugen. 2. Aufl. *Berlin: E. Hofman & Co.*, 1899. 200 p. 8°.

269. **Ottolenghi** (Lazzaro). Il matrimonio misto, scene di famiglia divise in otto quadri. *Acqui*, 1873. (Educatore Israelita. v. 21, p. 161–171, 193–203, 225–235, 257–268, 321–329. *Vercelli*, 1873. 8°.)

270. **Petersen** (E.) De kristne Jöder. Et Skuespil i tre Acter. Sidestykke til Vor Handtering. *Kjöbenhavn: The Author*, 1816. 2 p.l., 40 p., 1 l. 16°.

271. **Rosenzweig** (J.) Nathan Schlemiel oder orthodoxe und reformirte Juden. Ein Tendenz-Lustspiel in 3 Acten... *Pressburg: C. Angermeyer*, 1873. 2 p.l., 47 p. 8°.

272. **Sachs** (Hans). Ein fasznachtspil mit fünff personen: Dat teuffel nam ein alt weib zu der ehe. (In his: [Werke]. Hrsg. von A. v. Keller u. E. Goetze. v. 21, p. 17–34. *Tübingen*, 1892. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 195.)

273. [**Sessa** (Karl Borromæus Alexander).] Unser Verkehr. Eine Posse in einem Aufzuge... [and in prose]. 8. Aufl. Mit einer Originalzeichnung von Th. Hosemann. *Berlin: O. Janke* [18–]. 1 p.l., 73 p., 1 pl. 16°.

See Petersen (E.) De kristne Joder. Et Skuespil... Sidestykke til Vor Handtering. *Kjöbenhavn*, 1816. 16°. (No. 270 above.)

GEIGER (Ludwig). Ueber den Verfasser der Posse: Unser Verkehr. (Allg. Zeitung d. Judenthums. v. 67, p. 78–81. *Berlin*, 1903. 4°.)

274. **Shakespeare** (William). The most excellent Historie of the Merchant of Venice. With the extreame crueltie of Shylock the Iewe towards the sayd Merchant, in cutting a iust pound of his flesh: and the obtayning of Portia by the choyse of three chests. As it hath been diuers times acted by the Lord Chamberlaine his Seruants. *At London: Printed by I. R. for Thomas Heyes, and are to be sold in Paules Charch-yard, at the signe of the Greene Dragon*, 1600. 38 l. 4°.

—— The Excellent History of the Merchant of Venice. With the extreme cruelty of Shylock the Jew towards the saide Merchant, in cutting a iust pound of his flesh. And the obtaining of Portia, by the choyse of three Caskets. Written by W. Shakespeare. *Printed by J. Roberts*, 1600. 40 l. 4°.

—— Merchant of Venice: the First (tho worse) Quarto, 1600, a Facsimile. (Griggs & Furnivall.) *London* [1881]. 4°.

—— Merchant of Venice: the Second (and better) Quarto, 1600, a Facsimile. (Prætorius and Furnivall.) *London*, 1887. sm. 4°.

—— The most excellent Historie of the Merchant of Venice [etc.]. *London: Printed by M. P. for Laurence Hayes, and are to be sold at his Shop on Fleet bridge*, 1637. 36 l. 4°.

—— The most excellent Historie [etc.]. *London: Printed for William Leake, and are to be solde at his shop at the signe of the Crown in Fleet street, between the two Temple Gates*, 1652. 36 l. 4°.

—— The Jew of Venice. *London: Printed for Ber. Lintott at the Post-House in the Middle Temple-Gate, Fleet street*, 1701. 48 p. 4°.

—— The merchant of Venice. A comedy. *Glasgow: R. Duncan*, 1790. 72 p. 12°.

—— The merchant of Venice. A comedy. *London: J. Roach*, 1804. 71 p. 16°.
Prompter's copy. Ms. notes.

—— The merchant of Venice; a comedy. (In: Inchbald (Mrs. E. S.) British theatre. *London*, 1808. v. 2.)

—— The merchant of Venice, a comedy. *London: W. Simpkin & R. Marshall*, 1820. 1 p.l., 11 p., 1 l., 66 p., 1 port. 12°. (New English drama, edited by W. Oxberry. v. 10.)

—— The Gallery of Shakespeare (Series IV.), Merchant of Venice. *London*, 1832. obl. 18°.

—— The Merchant of Venice. A comedy. *New York*, 1848. 12°.

—— The merchant of Venice. (In his: Works. The text revised by A. Dyce. v. 2, p. 247–330. *London*, 1857. 8°.)

—— The Most Excellent Historie [etc.]. *London: Low*, 1860. vii, 95 p. 4°.

—— —— *New York: D. Appleton & Co.* [1860] vii, 95 p. 4°.

—— The Merchant of Venice. By Mr. William Shakespeare: The Text from the Folio of 1623: with Notices of the known Editions previously issued. *London: Printed for L. Booth*, 1862. 4°.

—— Shakespeare's comedy of The merchant of Venice as produced by Edwin Booth. Adapted by H. L. Hinton. *New York: Hurd & Houghton* [cop. 1868]. 88 p. 8°. (Booth's series of acting plays, no. 3.)

—— Select plays. The merchant of Venice. Edited by W. G. Clark and W. A. Wright. *Oxford: Clarendon Press*, 1868. xxiii, 130 p. 16°. (Clarendon Press Series.)

—— The Merchant of Venice. *New York*, 1870. 4°.

—— Shakespeare's Comedy of The Merchant of Venice. Edited, with notes, by William J. Rolfe, A.M. *New York: Harper & Bros.*, 1871. vi, 178 p. 16°.

—— —— *New York: Harper & Bros.*, 1872. vi, 1 l., 9–168 p. 16°.

—— The Merchant of Venice. [In five acts.] Edited by W. G. Clark and W. A. Wright. *Oxford: The Clarendon Press*, 1874. xxiii, 130 p. 8°. (Shakespeare's Select Plays. Clarendon Press Series.)

—— The merchant of Venice... as presented... under the management of H. Irving... *London: Chiswick Press*, 1881. 3–74 p. 8°.

—— The merchant of Venice. (In his: Complete works. Harvard ed. By H. N. Hudson. v. 3, p. 107–235. *Boston*, 1881. 12°.)

—— The Merchant of Venice. [In five acts.] Edited by W. G. Clark and W. A. Wright. *Oxford: The Clarendon Press*, 1884. xxiii, 130 p. 8°. (Shakespeare Select Plays. Clarendon Press Series.)

—— The merchant of Venice. (In his: Works. Edited by H. Irving and F. A. Marshall, with notes and introductions... by F. A. Marshall... and... illustrations by G. Browne. v. 3, p. 241–328. *London*, 1888. sq. 8°.)

—— A new variorum edition of Shakespeare. Edited by H. H. Furness. v. 7. The merchant of Venice. *Philadelphia: J. B. Lippincott Co.*, 1888. xii, 479 p. 8°.

—— Merchant of Venice; annotated...by S. Thurber. *Boston*, 1892. 12°.

—— The merchant of Venice, with an introduction and notes by E. E. Hale, jr. *New York: University Pub. Co.* [1901] xxii, 89 p. 12°. (Standard literature series, no. 49.)

—— The merchant of Venice. [*London?* 18—] 5–63 p. 12°.

Prompter's copy, interleaved. Ms. notes. Marked from C. Kean's prompt-book.

—— The Merchant of Venice: a comedy. *London: T. H. Lacy* [18—]. 64 p. 12°. (Lacy's acting edition of plays. v. 25.)

—— The merchant of Venice. A comedy. *London: T. H. Lacy*.[18—?]. 64 p. 12°.

Prompter's copy, interleaved. Ms. notes.

—— The merchant of Venice; a tragedy, in five acts. *London: National Acting Drama Office* [18—]. 54 p., 1 pl. 12°.

Prompter's copy, interleaved. Ms. notes.

—— Shakespeare's play of The merchant of Venice. With historical and explanatory notes by Charles Kean...3. ed. *London: J. K. Chapman & Co.* [18—] 2 p.l., 9–85 p. 12°.

Prompter's copy, interleaved. Ms. notes.

—— The merchant of Venice. A comedy in five acts. *New York: S. French* [18—?]. vi, 9–63 p. 8°. (French's standard drama, no. 61.)

Prompter's copy. Ms. notes.

—— Le marchand de Venise. Comédie traduite de l'Anglais de Shakespeare. *Londres* [*Paris?*], 1768. 6 p., 1 l., 125 p. 8°.

—— Le marchand de Venise: comédie en 3 acts; [traduit par A. V. de Vigny]. (In: Vigny (A. V. comte de). Theatre...Œuvres complètes. v. 1. *Paris*, 1839. p. 225–350. 8°.)

—— Shylock oder der Kaufmann von Venedik [*sic*]. Übersetzt vun J. Bovshover. [Judeo-German.] *New York: J. Katzenelenbogen*, 1899. 116 p., 1 port. 8°.

English title: The merchant of Venice. A comedy ... Rendered into Yiddish by Basil Dahl [pseud.].
The first 3 acts appeared first in Der nayer Gayst (*New York*, 1898. 4°.)

—— O Mercador de Veneza. Drama. Traducção Livre. *Lisboa*, 1879. 8°.

AID in the study and teaching of Lady of the Lake, Evangeline, and Merchant of Venice. Compiled by a committee...appointed by Kings County Institute...1898. *San Francisco: Whitaker & Ray Co.*, 1902. 56 p. 8°. (Western educational help, no. 2.)

BASSET (René). L'origine orientale de Shylock. (Keleti szemle. Revue orientale pour les études ouralo-altaïques, v. 2, p. 182–186. *Budapest*, 1901. 8°.)

BOAS (A. T.) The merchant of Venice. A lecture...*Adelaide: W. K. Thomas & Co.*, 1886. 14 p. 8°.

Repr.: "University Shakespeare Journal."

BONUS (A.) Shylok, zur Judenfrage. 8 Briefe an eine Jüdin. (Preuss. Jahrbücher 83 (1896): 412–437.)

BRANDES (Georg Morris Cohen). Köbmanden af Venedig. (In his: Samlede Skrifter. v. 8, p. 174–199. *Kjöbenhavn*, 1901. 8°.)

—— The merchant of Venice. (In his: William Shakespeare. v. 1, p. 178–202. *New York*, 1898. 8°.)

BROOKE (Stopford Augustus). The merchant of Venice. (In his: On ten plays of Shakespeare. *London*, 1905. p. 127–154. 8°.)

CAMPBELL (*1. baron*), JOHN CAMPBELL. The merchant of Venice. (In his: Shakespeare's legal acquirements considered. *New York*, 1859. p. 59–63. 12°.)

COHN (Oswald). Über Shakespeare's Kaufmann von Venedig. (In: Philanthropin. *Frankfurt a. M.*, 1904. pt. 2, p. 249–302. 4°.)

CONWAY (Moncure Daniel). Shakespeare's "Merchant of Venice": an atonement. (Jewish World. *London*, Jan. 16, 1880. f°.)

An abstract of M. D. Conway's lecture.

CROKER (Thomas Francis Dillon). The stage Israelite. p. 70–72. 8°.

Clipping from the Era Almanack (London), 1881. p. 70–72. 8°.

DAVIDSON (Israel). Shylock and Barabas: a study in character. [*Sewanee*, 1901.] 1 p.l., 14 p. 8°.

Repr.: Sewanee Rev. v. 9, no. 3.

DUTORT (Paul). Le marchand de Venise. (In his: Essais littéraires sur Shakespeare, ou analyse raisonnée, scène par scène, de toutes les pièces de cet auteur. *Paris*, 1828. v. 2, p. 96–140. 8°.

GERVINUS (Georg Gottfried). The merchant of Venice. (In his: Shakespeare commentaries. Translated...by F. E. Burnett. *London*, 1875. p. 230–247. 8°.)

GETTEMY (*Mrs.* Mary Ellen Ferris). [A study of The Merchant of Venice.] (In her: Outline studies in the Shakespearian drama. *Galesburg, Ill.*, 1904. p. 101–123. 12°.)

GRAETZ (Heinrich). Shylock in der Sage, im Drama und in der Geschichte. 2. Aufl. *Krotoschin: B. L. Monasch & Co.*, 1899. 1 p.l., 36 p., 1 l. 8°.

Comp. his Geschichte der Juden, v. 10 (1897), p. 132; and M. Steinschneider in his Hebraeische Bibliographie, v. 21 (1881), p. 12–13.

[GUIZOT (Guillaume). Conférence sur le "Marchand de Venise."]

KAHN (Mathias). La conférence de M. Guizot sur le "Marchand de Venise." (Univers israélite. v. 39, p. 443–450. *Paris*, 1884. 8°.)

PRAGUE (H.) La conférence Guizot. (Archives israélites. v. 45, p. 86–87. *Paris*, 1884. 4°.)

HALES (J. W.) Shakespeare and the Jews. (Eng. Historical Rev. v. 9, p. 652–661. *London*, 1894.)

HARRIS (Maurice Henry). Shylock. (In his: Selected Addresses: second series. *New York*, 1895. p. 7.)

HAWKINS (Frederick). Shylock and other stage Jews. [Followed in the next number by a symposium on the character of Shylock, by Theodore Martin, An Actor, F. J. Furnivall, Frank Marshall, James Spedding, Israel Davis, David

Anderson, and Frederick Hawkins.] (The Theatre. New ser., v. 3, p. 191–198, 253–261. *London*, 1880. 8°.)

The two nos. containing these articles are for Nov. and Dec., 1879.

—— Same, reprinted in American Hebrew. v. 1, nos. 1, 2, 7–9. *New York*, 1879–80. f°.

HAZLITT (William). The merchant of Venice. (In his Characters of Shakespeare's plays. 4. ed. *London*, 1848. 16°. p. 264–272.)

HEINE (Heinrich). Jessika Porzia. (Der Kaufmann von Venedig.) (In his Englische Fragmente und Shakespeare's Mädchen und Frauen. p. 307–334. *Hamburg*, 1876. 16°. Säammtliche Werke. Bd. 3.)

—— Jessica. Portia. [The merchant of Venice.] (In his Florentine nights ... and Shakespeare's maidens and women. p. 377–401. *New York*, 1891. 12°. Works translated from the German by C. G. Breitmann.)

LATHROP (Elise). The merchant of Venice. [Where the merchant traded.] (In her Where Shakespeare set his stage. *New York*, 1906. 8°. p. 83–103, 2 pl.)

LEE (S. L.) The original of Shylock. (Gentleman's Mag. v. 246, p. 185–200. *London*, 1880. 8°.)

Comp. Jewish World, Feb. 20, 1880, p. 10.

LEHMANN (Emil). La vérité sur Shylock. (Univers israélite. v. 35, p. 327–332. *Paris*, 1880. 8°.)

Translated from Lehmann's German article in the Dresdener Zeitung by Lazare Wogue.

LEVI (Harry). "The merchant of Venice." (In his: Jewish characters in fiction. English literature. *Philadelphia*. 1903. 12°. p. 21–29.)

LÉVY (Hyppolite). À William Shakespeare. (Archives israélites. v. 49, p. 408–410, 416–418. *Paris*, 1888. 4°.)

LOGEMAN (Henri). Notes on The merchant of Venice. (Englische Studien. v. 33, p. 193–215. *Leipzig*, 1903. 8°.)

MAYER (Louis). Shylock was not a Jew. (Jewish Review and Observer. v. 28, no. 18. *Cleveland, O.*, Nov. 6, 1903. f°.)

Reprinted from the *Modern View* of St. Louis.

MUHR (A.) Der Kaufmann von Venedig. (Allg. Zeitung d. Judenthums. v. 2, p. 285–287. *Leipzig*, 1838. 4°.)

PHILIPSON (David). Shakespeare's "Merchant of Venice." (In his The Jew in English fiction. *Cincinnati*, 1903. 12°. p. 34–53.)

SALAMAN (Charles Kensington). Shylock, from a Jewish point of view. (In his Jews as they are. *London*, 1882. 12°. p. 211–255.)

SCHUDT (Johann Jacob). Jüdische Merckwürdigkeiten. v. 1, p. 191–195. *Franckfurt*, 1715. 4°.

Gives two pound-of-flesh stories, in one of which a Christian was the claimant against a Jew before Pope Sixtus V. No reference is made to the Merchant of Venice.

SEYONPI [pseudonym of Isaac P. Noyes?]. The name "Shylock." A critical examination of the characters in the Merchant of Venice. (Religio-Philosophical Journal, devoted to spiritual philosophy. v. 38, no. 23, p. 1, 8. *Chicago*, Aug. 1, 1885. f°.)

SIMROCK (Karl Joseph). Zum Kaufmann von Venedig. (In his Die Quellen des Shakespeare in Novellen, Märchen und Sagen, mit sagengeschichtlichen Nachweisungen. v. 1, p. 181–254. *Bonn*, 1872. 12°.)

—— The merchant of Venice. (In his The remarks of M. Karl Simrock, on the plots of Shakespeare's plays. With notes and additions by J. O. Halliwell. *London*, 1850. 8°. p. 45–63.)

SOKOLOW (Nahum). Novelli-Shylock. [Hebrew.] (Ha-Zefirah. v. 29, no. 243. *Warsaw*, 1902. f°.)

On the acting of Ermete Novelli.

WARD (Adolphus Ward). The merchant of Venice. (In his A history of English dramatic literature... v. 1, p. 389–393. *London*, 1875. 8°.)

WARDE (Frederick). Shylock. A study. (Jewish Ledger. *New Orleans*, Oct. 30, 1903. p. 22–23. f°.)

WEISS (Louis). Origin of Shakespeare's Shylock. (In his Talmudic and other legends. *New York*, 1888. 12°. p. 1–10.)

WINZ (Leo). "Eleazar," "Shylock" und "Nathan der Weise." (Ost und West. v. 1, col. 661–672. *Berlin*, 1901. 4°.)

YOUNG (James). Relative to Mr. James Young's lecture on Shylock. [*New York?* 1901?] 24 p. 16°.

275. **Sheridan** (Richard Brinsley). The Duenna. A comic opera [in 3 acts and in prose]. [1775.] (In his Dramatic works. v. 3, p. 91–183. *New York*, 1883. 8°.)

LEVI (Harry). "The Duenna," by Richard Brinsley Sheridan. (In his Jewish characters in fiction. English literature. *Philadelphia*, 1903. 12°. p. 30–36.)

276. **Stein** (Leopold). Haus Ehrlich, oder, Die Feste... Drama in fünf Aufzügen. *Leipzig: Nies'sche Buchdruckerei*, 1863. viii, 160 p. 8°. (Institut zur Förderung der israelitischen Literatur. Schriften. 8. Jahr, 1862/63.)

277. **Tullidge** (Edward W.) Ben Israel; or, From under the Curse, in 5 acts. *Salt Lake City: J. C. Graham*, 1875. 52 p. 8°.

278. **Wohlbrueck** (W. A.) Il Templario e l'Ebrea. Der Templer und die Jüdin. Grosse romantische Oper in 3 Aufzügen. In Musik gesetzt von H. A. Marschner. Vollständ. Klavierauszug ... Neue Ausg. nach der 2. Bearbeitung, mit deutsch. & ital. Texte. *Leipzig: F. Hofmeister* [18—?]. 1 p.l., 230 p. f°.

279. **Yushkevich** (Semion). Der Hunger. A Drame in vier Akten. Vun russischen übergesetzt [vun] Olgin. [Judeo-German.] *Warsaw: Druck "Hezefirah," Verlag "Die Welt"* [*Wilna*], 1906. 111 p. 8°.

KOSWEN (M.) S. Yushkevich i yevo piesa "Golod." [S. Yushkevich and his play "Hunger." Russian.] (Yevreiskaya Zhizn. May, 1906. p. 155–174. *St. Petersburg*. 8°.)

280. **Zametkin** (Michael). A Russian Shylock. A play in four acts. *New York: [The author,]* 1906. 12°.

[**Zangwill** (Israel). Children of the Ghetto.]

DEUTSCH (Gotthard). Zangwill's Ghettokinder auf der Bühne. (Allg. Zeitung d. Judenthum. v. 64, p. 152–153. *Berlin*, 1900. 4°.)

[**Zapolska** (Gabryela v.)]

LANDAU (Saul Raphael). Ein jüdisches Proletarierdrama. "Malka Schwarzenkopf" von Gabryela v. Zapolska. (In: Welt. v. 2, no. 5, p. 15–16. *Wien*, 1898. 4°.)

DRAMAS IN HEBREW.

Comment.

Klein (Julius Leopold). [Die dramatische Form ...vermisst man bei dem Volke Gottes.] (In his: Geschichte des Drama's. v. 1, p. 88–90. *Leipzig*, 1865. 8°.)

Macdonald (Duncan B.) The drama in Semitic literature [and, especially, in the literature of the Hebrews]. (In: Biblical World. n. s. v. 5, p. 16–28. *Chicago*, 1895. 8°.)

"The result of the inquiry will be almost purely negative."

Paperna (Abraham Jacob). Ha-Drama bi-Kelal weha-Ibrit bi-Ferat. [The drama in general and the Hebrew drama in particular. Published by the editor of Ha-Meliz.] *Odessa: L. Nitzsche & A. Zederbaum*, 1867. 1 p.l., 26 p. 8°.

Sup. to Ha-Meliz, v. 19.

STEINBERG (Joshua). En Mishpat... *Wilna: S. J. Fünn & Rosenkranz*, 1868. 24 p. 24°. Repr.: Ha-Karmel. v. 7 (1868), p. 56–57, 63–66.

[LEBESOHN (Abraham Dob Baer).] Tokachti la-Bekarim, meet Shalom b. Shelomoh Friedmann [pseud.]. *Wilna: R. M. Romm*, 1868. 28 p. 12°.

Individual Plays.

281. **Andermann** (David Meir). Emunah we-Haskalah... *Drohobycz: A. H. Zupnik*, 1887. 72, xi, (1) p., 2 l. 16°.

German title: Emina W'haskula (Glauben und Wissen). Allegorisches Drama in fünf Acten.

282. **Apfel** (Samuel Abel). Kishron ha-Chokmah u- Mappach Nefesh...[A tragedy.] *Czernowitz: E. Heilpern*, 1882. 10, 67, (9) p.

German title: Kischron Hachochma, dramatisches Gedicht.

283. **Hirschbein** (Pharez). Weite und nohente: Bilder in 4 Akten. Jüdisch [von] A. A. Ben Gur. *Wilna: "Die Welt,"* 1906. 68, (1) p. 16°.

284. **Horelik** (M.) Ha-Chamsan ha-Katan. [A play for children in 5 acts.] *Warsaw: "Tuschijah,"* 1902. 29 p. 12°. (Li-Bene ha-Neurim. 82.)

285. **Kesher** Bogedim...[An anonymous tragedy of the life of Maximilian, emperor of Mexico, in 4 acts and in verse.] *Wilna*, 1891. 1 p.l., 96 p. 12°.

286. **Landau** (Judah Leo). Yesh Tikwah. [A drama of contemporary Jewish life in 3 acts. With a preface by Judah Loeb Pilpel.] *Krakau: L. Pilpel*, 1893. 48 p. 8°.

German title: Jesch-Tikwah. Schauspiel in 3 Acten aus dem jüdischen Leben in der Gegenwart. Wurde das erste Mal auf der Stadtbühne in Brody [in 1893] aufgeführt.

286a. **Luzzatto** (Moses Chayyim ben Jacob Chay). *of Pádua*, 1707–47. La-Yesharim Tehillah ...[Praise for the upright. A drama in 3 acts and a prologue, and in verse. Written in honor of his pupil Jacob ben Moses di Gavis on the occasion of his wedding to Rachel da Vega Enriques.] Ms. *Amsterdam*, n. d. 4 p.l., 25, (1) f. 8°.

A copy of the first ed. (Amsterdam, 1743)? Sq. char. and the pref. in Rashi char. Hand-made paper. Was presented in 1859 by its owner, Jacob Meir Lehren at Amsterdam, to another man (Getschlik ben Suesskind?) of the same city.

—— La-Yesharim Tehillah...[2. ed., with a preface by Solomon of Dubno.] *Berlin*, 1780. 42 l. 12°.

—— Another ed. [With an approbation signed by Joseph ben Jacob Isaac Hochgelehrnter, Rabbi at Samoscz, and Abraham ha-Cohen Chasid of Amsterdam; reprinted from Isaac Aryeh ha-Levi Margaliot's ed. of Lemberg, 1799.] *Jozefow: D. S. I. Wax*, 1826. 92 p. 12°.

The publisher remarks that he was loath to ask the rabbis of his own generation for approbations, as he knew them to be generally opposed to poetical writers; wherefore he reproduces instead the rabbinical approbation given in a previous edition.

—— Another ed. *Wilna: R. M. Romm*, 1849. xii, 60 p. 12°.

—— Another ed. *Warsaw: I. Goldman*, 1884. 80 p. 12°.

—— La-Yesharim Tehillah (dem Verdienste seine Krone), ein allegorisches Drama in 3 Akten. [Hebrew.] (In: Martinet (Adam). Tiferet Yisrael oder: Hebräische Chrestomathie... *Bamberg*, 1837. 8°. p. 268–323.)

—— ...Laj'scharim T'hillah ins Deutsche übersetzt von J[eremiah] Musen...[Hebrew and German.] *Lemberg: S. L. Kugel*, 1874. 109 p. 12°.

—— Buch La-Yesharim Tehillah übersetzt vun Leschon Kodesch...vun Gedaliah ben David ha-Cohen Berger mi-Dubno. [Ms. Judeo-German.] [*Dubno?*] 1876. 81 p. 16°.

German cursive characters.
Only to the beginning of the 5. scene of the 3. act.

DELITZSCH (Franz). Zur Geschichte der jüdischen Poesie. *Leipzig*, 1836. 8°. p. 88, 91–92.

PAPERNA (Abraham Jacob). Ha-Drama . . . *Odessa*, 1867. 8°. p. 6–8.

POLLAK (Chayyim Joseph). Cheker ha-Mechkar ha-Mitboded]. [A commentary on the 2. scene of the 2. act. Hebrew.] (Ha-Mebasser l'Galizien. Edited by A. I. Menkes. v. 1, p. 69–71. *Lemberg*, 1861. f°.)

SLOUSCHZ (Nahum). La renaissance de la littérature hébraïque. *Paris*, 1903. 12°. p. 13–16.

287. **Malbim** (Meir Loebusch ben Jehiel Michel). Shire Kodesh we-lahem Mashal u- Melizah ...[A dramatic poem in 4 acts and in verse. Provided with vowel-points and published, with a note at the end in lieu of a preface, by Jehiel Bril.] *Paris*, 1867. 1 p.l., 142 p. 24°.

—— Shire Kodesh we-lahem Mashal u Melizah ...[2. ed., enlarged.] *Warsaw: N. H. Herzog*, 1877. 156 p. 24°.

—— Mashal u- Melizah...[3. ed.] *Warsaw: Lewin-Epstein Bros.*, 1894. 156 p. 16°.

287a. **Monassowitz** (M.) Neshef-Purim. [A play for children in 1 act.] *Warsaw: "Tuschijah,"* 1902. 19 p. 12°. (Li-Bene ha-Neurim. 81.)

288. **Tawjew** (Israel Chayyim). Bi-Mekom Derasha. [A play for children in 1 act.] *Warsaw: "Tuschijah,"* 1902. 25 p. 12°. (Li-Bene ha-Neurim. 80.)

TRANSLATIONS INTO HEBREW.

289. **Berquin** (Arnaud). Musar Naar Ra. [A play for children in 18 scenes. Translated from the French by I. M. Salkind.] *Warsaw:* "*Tuschijah*," 1903. 54 p. 12°. (Li-Bene ha-Neurim. 83–84.)

290. **Gessner** (Salomon). Eldad we-Tirzah oder Erast...ins Hebräische übersetzt von David Samoscz. (In: Samoscz (D.) Esh Dat. v. 1, p. 83–127. *Breslau*, 1834. 12.)

Goethe (Johann Wolfgang von). Faust. Hebrew translation by M. Letteris. See Section I; Elisha ben Abujah (end of first and beginning of second centuries).

291. **Lessing** (Gotthold Ephraim). Abinadab ...[A free Hebrew translation of Lessing's Philotas, by Joel Berisch Falkowitsch.] *Odessa: L. Nitzche & A. Zederbaum*, 1868. 28 p. 8°.

German title: Abinadab nach G. E. Lessing Philotas, ein Trauerspiel in einem Aufzug, in's Hebräische frei übersetzt in Dubno . . . 1820.

—— Die Juden. Nathan der Wise. See Section II.

292. —— Sarah Bat Simson. [Miss Sara Sampson. A drama in 5 acts; translated into Hebrew prose by Peli-Israel Frenkel.] *Warsaw: M. Lewinski*, 1887. 90, (1) p. 8°.

293. **Maffei** (Francesco Scipione). Merab. La Merope. Tragoedia. .quam ex Italico sermone in linguam sacram classicam convertit...S. A. Romanelli. Nunc primum cum præfatione et notis... edita e manuscripto autographo translatoris... editoris T. A. Weikert...Italian and Hebrew. *Romæ: F. Pustet*, 1904. xvi, 205 p., 1 facsim. 8°.

294. **Salkind** (I. M.), *translator*. Ha-Aniyyim. [A play for children in 1 act and 5 scenes; freely translated from the French.] *Warsaw:* "*Tuschijah*," 1903. 23 p. 12°. (Li-Bene ha-Neurim.)

295. **Shakespeare** (William). Hamlet... [Translated from the English into Hebrew by Chayyim Jehiel Bornstein.] (Ha-Zefirah. v. 27–28. *Warsaw*, 1900–1901. f°.)

—— [Hamlet's monologue; translated by Judah Loeb Gordon.] (In: Col Shire J. L. Gordon. v. 5, p. 81–82. *Wilna*, 1898. 8°.)

SMOLENSKY (Peter). [Hamlet and Faust compared, a criticism; with a translation of several passages from Hamlet, including the monologue.] (In his novel: Simchat Chanef, chap. 20–21, first published in his mag. Ha-Shachar, v. 3. *Wien*, 1872. 8°.)

296. —— Ha-Melec Lear...[King Lear. A tragedy in 5 acts. Translated from the English into Hebrew blank verse by Samuel Loeb Gordon. *Warsaw:* "*Tuschijah*," 1899. 2 pt. in 1 v. 12°. (Bibliotheca Ibrit. 61–62.)

297. —— Macbeth. [A tragedy in five acts. Translated into Hebrew verse from Friedrich von Schiller's German translation, by Isaac Barb.] *Drohobycz: Zupnik & Knoller*, 1883. 123 (1) p. 8°.

298. —— Ithiel ha-Cushi mi-Venezia...[Othello. Translated into Hebrew blank verse by Isaac Eliezer Salkinson. With an introduction by Peter Smolensky.] *Vienna: Spitzer & Holzwarth, Jun.*, 1874. xxxv, (1), 198, (2). 12°.

English title: Othello... Translated into Hebrew by J. E. S. Edited by P. Smolensky.

Comp. P. Smolensky in his Ha-Shachar, v. 5, p. 295–296. (Wien, 1874. 8°.)

299. —— Ram we-Jael... [Romeo and Juliet. Translated into Hebrew blank verse by Isaac Eliezer Salkinson. With a letter to the translator by Peter Smolensky.] *Wien: G. Brög*, 1878. xii, 167, (1) p. 12°.

English title: Shakespeare's Romeo and Juliet. Translated into Hebrew by J. E. S.

Comp. P. Smolensky in his Ha-Shachar, v. 9, p. 232, 287–288, 346–351, 406–408. (Wien, 1878. 8°.)

[**Sudermann** (Hermann). Johannisfeuer.]

KLAUSNER (Joseph). Esh Johanan. [A review. Hebrew.] (In: Ha-Dor. v. 1, no. 17, p. 13–15. *Krakau*, 1901. f°.)

300. **Vulpius** (Christian August), Lahakat ha-Shodedim... ["Rinaldo Rinaldini, der Räuberhauptmann, eine romantische Geschichte unseres Jahrhunderts" (Leipzig, 1798), combining simple narrative with dialogue, and interspersed with songs; translated from a Polish translation by Chayyim Goldstein of Piotrkow. With the approbation of Aryeh Judah Jacob Meisels, rabbi of Piotrkow. Published by the translator's son, Jacob Goldstein.] *Warsaw: N. Schriftgisser*, 1858. 2 pt. in 1 v. 12°.

JUDEO-SPANISH.

301. **Behar** (Jakim). La fami[li]a misteriosa. Teatro in 4 actos in poesia. [*Wien: J. Schlesinger*,] 649 [1889]. 56 p. 12°.

Rashi characters. The only drama in this dialect known to Max Gruenbaum. See his Jüdisch-spanische chrestomathie. (*Frankfurt a. M.*, 1896. 8°. p. 145–146.)

JUDEO-GERMAN DRAMAS.

Original and adaptations.

302. [**Abramowitsch** (Shalom Jacob).] Die Taxe, oder die Stodt-Baale-Toboth. Gedruckt be-Hischtadluth Mendeli-Mocher-Sforim. *Wilna: S. J. Fünn & A. Z. Rosenkranz*, 1872. 88 p. 8°.

—— Die Taxe. *New York: J. Katzenelenbogen*, 1899. 99 p. 8°.

303. **Avramovitz** (Max). Mein Theater-Magazin. Eine Erzählung über Schmendrik's Glück und Unglück, seine ganze Lebens-Biographie, zusammengesetzt aus 237 Namen von Theater-Stücke seit idisches Theater existirt vun 1877 bis 1895. *New York: E. Zunser* [1895]. 12 p. 8°.

English title: My theatrical magazin.

304. **Axenfeld** (Israel). Mann un Weib, Schwester un Brüder... a Theaterstück in 2 Akten. *Odessa: M. Berlinson*, 1867. 68 p. 8°.

305. **Beckermann** (Simeon). [Hadassah] Die Ch'luzah. A Drama in vier Akten. *Odessa*, 1883. 108 p. sq. 8.

Ms. German cursive characters.

—— Hadassah die Ch'luzah...Varfasst auf dem Art von Schomer. *Warsaw: J. Unterhendler*, 1884. 112 p. 8°.

306. **Ben-Zion** (Benedix). A Familien-Drame oder die falsche Kiduschin. A Drame in fünef Akten. An emethe Geschichte, far der judischen Bühne ausgearbet... *Odessa*, 1883. 1 p.l., 85 p. sq. 8°.

Ms. German cursive characters.

307. —— A grosser Sod. A Melo Drama in vier Akten. *New York* [1899]. 1 p.l., 124 p. sq. 8°.
Ms. in lead pencil. German cursive characters.

308. —— Die umzufriedene Glückliche. Komödie in 4 Akten. [*Odessa*,] 1883. 35 l. sq. 8°.
Ms. German cursive characters.

309. —— Der Zwua'k. A komische Komödie in vier Akten und 6 Bilder mit Gesäng und Tänz. Nach Quellen bearbet vin Mosche Silberman. [Actually written by B. Ben-Zion.] [*Odessa*, 1883.] 1 p.l., 39 p. sq. 8°.
Ms. German cursive characters. An adaptation of Molière's Le Tartufe.

310. **Bernstein** (S.) Reb Jochze Dal Geëh. A Komödie mit a Roman in 5 Akten... *Kishinev: L. Charik*, 1884. 32 p. 8°.

311. **Eppelberg** (W. H.) Die verbittene Jozroth. A Lustspiel in ein Akt. *Warsaw: A. Unterhendler*, 1890. 16 p. 8°.

312. [**Ettinger** (Solomon).] Serkele oder die falsche Johrzeit. Komödie in fünf Akten. Geschehn in Lemberg. New ed. *Warsaw: J. Lebensohn*, 1875. 80 p. 8°.

313. [**Falkowitsch** (Joel Berisch).] Reb Chajimil der Kozin. Ein Theater in 4 Akten. Bearbeitet nach K... *Odessa: M. E. Belinson*, 1866. 166 p. 8°.
Written in St. Petersburg, 1864.

—— Rochele die Singerin. Ein Theater in 4 Akten. Bearbeitet nach S. & R. K. von B. F. *Zhitomir: A. S. Szadow*, 1868. 125 p. 8°.

314. **Gnib** (J. D. H.) Das Chanuka-Trenderl. Ein antiques Familien-Stück von unsere Leut'. In 2 Aufzügen. Renovirt von J. D. H. Gnib. *Wien: J. Schlossberg*, 1884. 30 p. 12°.
In German characters.

315. **Goldfaden** (Abraham). Die Bobe mit dem Enikel oder Bonzie die Knötlechlegerin. Melodrama in 3 Akten mit Gesang. *Warsaw: Baumritter & Gonsior* [1891]. 40 p. 8°.

—— Die Bobe mit dem Enikel... *New York: J. Saphirstein*, 1893. 40 p. 8°.

—— Die Bobe mit dem Enikel... *Warsaw: J. Lidski*, 1905. 40 p. 8°. (Goldfadens Theater Magazin.)

316. —— Fanatik; oder, Die 2 Kunie Lemils-Komödie in 4 Akten und 7 B[ilder]. [188–?] 55 p. sq. 8°.
Ms. German cursive characters.

—— Der Fanatik oder die Beide Kuni-Lemil Opereta in 4 Akten un in 8 Bilder... *Warschaw: Baumritter & Gonsior*, 1887. 62 p. 8°.

—— Der Fanatik...*New York: J. Saphirstein*, 1893. 62 p. 8°.

317. —— Die beide Kni-Lemil... *Warsaw: J. Lidski*, 1905. 62 p. 8°. (Goldfadens Theater Magazin.)

318. —— Die kaprisne Kallah-Maud oder Kabzensohn et Hungermann. Melodrama in 4 Akten un in 5 Bilder. *Warsaw: Baumritter & Gonsior*, 1887. 46 p. 8°.

—— Die Kaprisne Kallah-Maud. *New York: J. Saphirstein*, 1893. 46 p. 8°.

319. —— Die Kischufmacherin (Zauberin). Operetta in 5 Akten un in 8 Bilder... *Warsaw: Baumritter & Gonsior*, 1887. 66 p. 8°.

—— Die Kischufmacherin... *Warsaw: Baumritter & Gonsior* [1891]. 64 p. 8°.

—— Die Kischufmacherin... *Warsaw: J. Lidski*, 1905. 64 p. 8°. (Goldfadens Theater Magazin.)

320. [Schmendrik.] Die Komische Chathunah von Schmendrik mit die Kallah in drei Akten. . (Ein Lust Spiel in ein Akt von dem Kater.) [By A. Goldfaden.] (Lied vun Feitel Narr mit Notki Gannaw. Ein Lust Spiel in drei Akten. [Anon.] [*Lemberg: B. L. Recheles*, 1875.] 68 p. 24°.

—— Schmendrig oder die Komische Chathunah. A Komödie in 3 Akten... *Warsaw: J. Lebensohn*, 1890. 40 p. 8°.

321. —— Das zehnte Gebot, "Lo Thachmod." Komische Operetta (Zaubermährchen) in 5 Akten, 10 Verwandlungen in 28 Bildern... *Krakau: J. Fischer*, 1897[–98]. 8°.
Played first in New York in 1887.

322. **Gordin** (Jacob). Gott, Mensch und Teuwel. Drama in 4 Akten mit a Prolog. *New York: Internat. Library Pub. Co.*, 1903. 102 p., 1 port. 16°.

—— [Same, under the title:] Das Geld. Drama in 4 Akten aus dem Jüdischen. [German.] (In: Die Welt. v. 10, nos. 1–4, 6–9. *Köln*, 1906. 4°.

—— Souvenir programme. Grand benefit performance of J. Gordin's play, Gott, Mensch und der Teufel for the East Side Janitors' Society, Thalia Theatre, May 19. [English.] [*New York*, 1903.] 15 p. 8°.

323. —— Die Jethomah. Drama in 4 Akten. Speciell geschrieben für... Madame K. Lipzin. [*New York: K. Lipzin, cop.* 1903.] 47 p. 8°.

323a. —— [Der jüdischer König Lear. Lebensbild in 4 Akten.]

ARONSTEIN (Philipp). Shakespeare in Galizien. (Allg. Zeitung d. Judenthums. v. 66, p. 368–370. *Berlin*, 1902. 4°.)

—— Der jüdischen König Lear. B'NAI BRITH (Independent Order of).—*George Jessel Lodge.* Special performance of Jacob Gordin's The Jewish King Lear by Jacob P. Adler and his company. Given under the auspices of George Jessel Lodge... at Grand Theatre... New York... on... Dec. 19, 1905. [*New York: Berkowitz & Proper*, 1905.] 19, (3) p., 1 l. 8°.

—— [Die Kreutzer Sonata.]

LIPSKY (Louis). Die Kreutzer Sonata. American Hebrew. *New York*, Jan. 31, 1902. f°.)

324. —— Medea. A historische Tragedie in 4 Akten, bearbeitet für der judischer Bühne...für... Madame K. Lipzin. [With a preface by M. Bucansky.] *New York: Jüdischer Täglicher Herold*, 1897. 47 p. 8°.
An adaptation of F. Grillparzer's Medea.

325. —— ...Mirele Efroth die idische Königin Lear. A Lebensbild in 4 Akten. Speciell geschrieben für Madame K. Lipzin. *New York*, 1898. 48 p. 8°.

—— [Siberia.] CAHAN (Abraham). Siberia in Union Theatre. (Arbeiter Zeitung. v. 2, nos. 47–48. *New York*, 1891. 8°.)

326. —— Die wilde Prinzessin oder Medea's jugend. A historische Drama in 4 Akten. Speziell geschrieben für Madame K. Lipzin. *New York: Daily Jewish Herald*, 1898. 55 p. 8°.

HERZ (Judith), *pseud. of* Mrs. MARY DUNLOP McLEAN. East Side Jewish plays and playrights. Jacob Gordin, the leader of the Russian realistic school, and some of his work. (New Era Illustrated Mag. v. 4, p. 31–38. *New York*, 1903. 8°.)

JACOB Gordin and the Kreutzer Sonata. (Current literature. v. 41, p. 520–421. *New York*, 1906. 8°.)

SOUVENIR zu Jacob Gordins zehn-jährigen Jubiläum. *New York* [*J. Lipshitz*], 1901. 40 p. 8°.

[**Gorin** (Bernard). Der Wilner Baal-Habess'l.] (Announcement in: Der Nayer Gayst. v. 1, p. 372. *New York*, 1898. 4°.)

327. **Gottlober** (Abraham Baer).] Der Decktuch oder zwei Chuppes in ein Nacht. A Komödie in drei Akten. *Warsaw: J. Werblenski*, 1876. 72 p. 16.°.

328. **Heller** (Jacob M.) Die Wölf in Fell von Schaf. A Komödie in fünf Akten. [*Odessa?*] 1881. 1 p.l., 53 p. sq. 8°.

Ms. German cursive characters.

329. **Kalmus** (Ulrich). Geschichte vun a seltenem B'rith un a genarrte Chathunah. Theater in 4 Akten. *Warsaw: N. Schriftgiesser* [1883?]. 72 p. 8°.

330. —— Schmerele Trostinetzer. Theater in drei Akten. *Warsaw: I. O. Alapin*, 1883. 50 p. 12°.

331. **Katzenelenbogen** (Joseph). Das Pflegekind. Ein originelles Lustspiel in 5 Aufzügen und 9 Bildern mit Gesängen und Tänzen...aus dem Volksleben. [*Odessa*, 188–?] 30 f. sq. 8°.

Ms. German cursive characters.

332. **Lateiner** (Joseph). David's Fiedele (David's Geige). Lebensbild in 4 Acten. *Krakau: A. Faust, Podgórze* [*printed*], 1904. 66 p. 8°.

—— Mammon der Geld-Gott oder Korachs Ozeroth. Historische Operette in 4 Akten. *Krakau: A. Faust, Podgórze* [*printed*], 1904. 1 p.l., 59 (1) p. 8°.

333. **Lerner** (Marie). Die Agunah. A Drama in 4 Akten un 6 Bilder. (In: Haus-Freund. Hrsg. vun M. Spektor. v. 2, p. 27–78. *Warsaw*, 1896. 8°.)

334. **Libin** (Z.), *pseud. of* ISRAEL HURWITZ. [Die zubrochene Herzer.] Broken hearts. A drama in four acts. Argument of the play. Synopsis of acts; cast of characters. [English.] [*New York: Lipshitz Press* [190–] 2 l. 8°.

335. **Mali** (P. H.) In der Finsterniss. A Drama in 4 Akten. *Odessa: A. Dychno*, 1898. 72 p. 8°.

336. **Marks** (Rudolph). Der Bowery Tramp; oder, der Geld-Schidech. Lebens Drama in 5 Akten und 7 Tabloen. [*New York*, 189–] 1 p.l., 54 l. sq. 8°.

Ms. German cursive characters.

337. —— Chajim in Amerika; oder, der Nacht Dieb. Drama in 5 Akten mit Gesänge und Tänze. [*New York*, 1890?] 1 p.l., 101 p. sq. 8°.

Ms. German cursive characters.

338. —— Der Silver König. Drama in 6 Akten —11 Tabloen. [*New York*, 1889.] 47 l. sq. 8°.

Ms. German cursive characters.

339. —— Die zwei Schwester. Salon Drama in 4 Akten und 11 Bilder. [*New York*, 1890?] 38 l. sq. 8°.

Ms. German cursive characters.

340. **Mendelssohn** (Ludwig). Intimes aus de Liliengass'. Ein Buchdrama in 1 Akt. *Berlin: J. L. V. Laverrenz* [189–?]. 62 p. 12°.

In German characters.

341. **Minikes** (Chanan Jacob). Zwischen Indianer, oder der Country-Pedler. Komischer Vaudeville in 1 Akt mit Gesänge und Tänze...*New York: J. Katzenelenbogen*, 1895. 1 p.l., 21 p. 8°.

342. **Perez** (Isaac Loeb). Bei dem fremden Chuppah-Kleid. A Szene vun warschauer Leben. (In his: Schriften. *Warsaw*, 1901. p. 114–126. 8°.)

343. —— A Literatur-Szene. Gewidmet Theil junge Dichter. (*Ibid.* p. 105–113.)

344. **Pinski** (David). Eisik Scheftel, ein jüdisches Arbeiterdrama in drei Akten. Autorisierte Uebertragung aus dem jüdischen Manuskript von M. Buber. [German.] *Berlin: Jüdischer Verlag* [pref. 1904]. 6 p.l., 15–103 p., 1 l. 12°.

345. [**Rabinowitsch** (Shalom).] Die Assefah. A "reine Komödie" vun Schulamith. (In his: Judische Volks-Bibliothek. v. 2, p. 205–220. *Kiev*, 1889. 8°.)

346. —— Der Get. A Komödie in 3 Bilder vun Shalom Alechem. (In: Hausfreund. Hrsg. vun M. Spektor. *Warsaw*, 1894. v. 1, p. 45–62. 8°.)

—— Der Get. Szenes vun'm amoligen jüdischen Leben. Vun Shalom Alechem. (In 1 Akt und 3 Bilder.) *Warsaw: J. Edelstein & Co.*, 1905. 32 p. 12°. (Bücher far Alle. 13–14.)

347. —— Judische Gazetten un Journalen. A Phantasie vun Shalom Alechem. (In: Judische Volks-Zeitung. *Krakau*, 1903. v. 2, no. 1. 4°.)

348. **Rackow** (Nahum). Der Grüner in London; oder, der Missionär. Volks Stück in fünf Akten. [*London*, 1890.] 50 l. sq. 8°.

Ms. German cursive characters.

349. **Richter** (Moses). Reb Herzele Mejiches, oder Jejkele Bal Hagule. Lebensbild in 4 Akten, mit Epilog und 8 Bilder. *Lemberg: Munk & Roth, Podgórze* [*printed*], 1903. vi, 57 p., 1 port. 8°.

350. **Rosenfeld** (Morris). Elend und Toit. A Tragödie in ein Akt und vier Bilder. (Arbeiter Zeitung. *New York*, 1891. v. 2, no. 6. f°.)

351. **Rosenzweig** (Leo). Ein erster Mai in zwanzigsten Jahrhundert, oder die kumend Revolution. Nach dem Muster vun Schiller's "Verschwörung des Fiesko zu Genua." Trauerspiel in 5 Akten. *New York: S. Goldstein*, 1896. 74 p. 8°.

351a. **Sabiesensky** (Baer Isser). Der Pustokrat, oder der Solide und der Unart. A Drame in fünf Akten und elf Kartines. [*Vitebsk?* 1883.] 37 l. 8°.

Ms. German cursive characters.
A dramatization of his novel, "Die Schwere Zeit."

352. **Seiffert** (Moses). Die gele Redakzie. Vaudeville in 1 Akt. [*New York*, 1900?] 1 p.l., 22 p. sq. 8°.

Ms. German cursive characters.

353. [**Selikovitsch** (George).] Lord Attah Hareta gefangen oder Die komische Nekamah vun Gleichheit. A Melodrama in ein Akt [and in verse] vun Litweschen Philosoph [pseud.]. (In his: Yokim-Bembe... *Brooklyn, N. Y.* [1899.] 8°.)

354. —— Die "stumme Beschäffenis." Komödie in zwei Akten. [A satire in prose on the anarchistic organ "Die freie Arbeiter Stimme." Signed: Sambation.] (Arbeiter Zeitung. v. 1, no. 33. *New York*, 1890. f°.)

355. [**Shaikewitz** (Nahum Meir).] [Der Baal Theschubah oder] Die [zwei] Jethomin. [*New York*, 1889?] 39 l. sq. 8°.

Ms. German cursive characters.

356. —— Der idischer Poritz. Drama in 5 Akten, in 10 Kartines. *Wilna: L. Matz*, 1888. 72 p. 12°.

—— Der idischer Poritz... *Wilna: Widow & Bros. Romm*, 1897. 72 p. 12°.

357. —— Die kokete Damen. Komödie in 4 Akten, mit a Prolog. *New York: B. Rabinowitz*, 1900. 78 p. 12°.

358. —— Der Revisor. A Komödie in 4 Akten. Umgearbeitet frei von der...russischer Komödie "Revisor" [by N. V. Gogol]. *Odessa: A. Schulze*, 1883. 56 p. 8°.

359. **Sinani.** Die "Unterthänige." A Drame in ein Akt. Arausgegeben vun Allgemeinen idischen Arbeiterbund in Lita, Polen und Russland. *Genève: Druckerei vun Allgemeinem idischen Arbeiterbund* ("*Bund*"), 1904. 23 p. 24°.

360. **Smulewitz** (Solomon). Freitag in Hester Street. A Komödie in ein Akt. *New York*, 1904. 14 l. sq. 8°.

Ms. German cursive characters.

361. —— Pastuch un Prinzessin. Operette in 1 Akt. *New York*, 1905. 20 p. 4°.

Ms. German cursive characters.

362. —— Vun Glück zum Strick. Ein Operette in ein Akt. *New York*, 1906. 33 l. 4°.

Ms. German cursive characters.

363. **Szlifersztein** (A.) Dora; oder, der Millionär als Bettler. Drama in 4 Acten. *Lemberg: D. Roth*, 1905. 50 p., 1 port. 8°.

364. **Terr** (Jacob). Der amerikaner Arbeiter oder der Kampf für das Leben. Lebens Drama vun unsere Zeiten in 5 Akten. (In his: Natur und Leben. *New York*, 1898. 8°.)

365. —— Don Juan; oder, Liebe und Rache. Eine...Lebensdrama von 19. Jahrhundert. *New York*, 1888. 2 p.l., 61 p. sq. 8°.

Ms. German cursive characters. First produced in 1894.

366. —— Die idische Gräfin. Ein wirkliche Passirung vun idischen Leben in Russisch-Polen in 4 Akten und 8 Bilder. *New York*, 1903. 1 p.l., 21, 24, 22, 23 p. sq. 8°.

Ms. German cursive characters.

367. —— Die Stiefmutter. A Drama in fünef Akten und zehn Bilder...*Rostov on the Don*, 1882. 74 p. sq. 8°.

Ms. German cursive characters.

368. —— Techijath ha-Methim, oder der Jichus-Schiduch. Melodrama in 5 Akten 6 Bilder. [*New York*,] 1893. 81 p. sq. 8°.

Ms. German cursive characters.

369. —— Der Verfasser in Kind-Bett. A Komödie in ein Akt. 15 p. (In: Die idische Bühne. v. 1. *New York*, 1897. 12°.)

—— Same. (In his: Natur und Leben. *New York*, 1898. 8°.)

Comp. Jacob Gordin in his review of Die idische Bühne, in Freie judische Bühne. *New York*, 1897. 8°. p. 33.

370. [**Wohlmann** (Israel Meir).] Der Cherem de-Rabbenu Gerschon oder die Weibersche Knüplech. Ein Theater in 5 Akten in Gereimen... *Warsaw: J. Lebensohn*, 1877. 48 p. 12°.

371. —— Die weibersche Knüplech. Ein Theater-Spiel in 5 Akten. Hrsg. vun M. I. W[ohl]-m[ann]. *Wilna: Fünn, Rosenkranz & Schriftsetzer*, 1881. 44 p. 16°.

372. **Wolfssohn** (Aaron). Leichtsinn und Frömmelei: ein Familien Gemälde in drei Aufzügen. 2. ed. *Amsterdam: Johann Levi Rofe & his son Benjamin* [1798?]. 79 p. 16°.

373. **Yissurim.** Drama in ein Akt. (In: Russlander sozial-demokratische Arbeiter Partei. Im Kampf. p. 16–31. *Genève*, 1900. 16°.)

374. **Zahik** (David). Die Rose zwischen Dörner. Ein Theater in 4 Akten. *Piotrkow: F. Belchatowski*, 1884. 80 p. 12°.

Translations into Judeo-German.

375. [**Ben-Zion** (Benedix), *translator*.] Das eifersüchtige por Volk. A Komödie in 4 Akten. Übersetzt vin Deutschen M. Silbermann. [Actually translated by B. Ben-Zion.] [*Odessa*,] 1883. 1 p.l., 67 p. sq. 8°.

Ms. German cursive characters.

376. —— Flotte Burschen; oder, Hanzel Schuster. Operette in 2 Akten. Übersetzt vin M. Silbermann. [Actually translated by B. Ben-Zion.] [*Odessa*,] 1883. 14 l. sq. 8°.

Ms. German cursive characters.

377. —— Lumpazius Vagabundus; oder, das grosse Gewinnst. A Komödie in 3 Akten, übersetzt vinem Deutschen vin Moses Silbermann. [Actually translated by B. Ben-Zion.] [*Odessa*,] 1883. 1 p.l., 65 p. sq. 8°.

Ms. German cursive characters.

378. —— Die unglückliche Ehe. Vun Deutsch übersetzt. *New York* [19—]. 1 p.l., 98 p. sq. 8°.

Ms. German cursive characters.

379. —— Zehn Mädchen und kein Mann. Operette in 2 Akten. Übersetzt von M. Silbermann. [Actually translated by B. Ben-Zion.] [*Odessa*,] 1883. 19 l. sq. 8°.

Ms. German cursive characters.

[**Brachvogel** (Albert Emil).] Souvenir programme. Grand benefit performance of Brochfogel's [sic] Solomon Kaus, the inventor, by Mr. & Mrs. Jacob P. Adler and their Company, given under the auspices of the Emanu-El Brotherhood, at Grand Theatre...Dec. 5, 1904...[English.] [*New York*,] 1904. 6 l. 8°.

380. **Buechner** (Georg). Danton's Tot. A Tragödie in 3 Akten. Übersetzt vun A. Frumkin. *London: Verlag, "Arbeiter Freund,"* 1905. 80 p. 12°.

381. **Chekhov** (Anton Pavlovich). (1) Der Bär. [A Komödie in ein Akt.] (2) Der Schiduch [A Komödie in ein Akt.] Uebersetzt vun Abraham

Frumkin. *London: Gruppe "Arbeiter Freund,"* 1905. 1 p.l., 36 p. 8°. (Vun Fremde Leschonoth. No. 1.)

382. **Goethe** (Johann Wolfgang). Faust von Goethe bearbeitet von A. Tannenbaum. *Brooklyn, N. Y.: Heb. Pub. Co.* [190–] 38 p. 8°.

383. **Hauptmann** (Gerhard). Die Weber. Drama in 5 Akten [and in prose]...übersetzt vun Jacob Milch. *New York: Hilfs-Verband der Polnischen Sozial. Partei,* 1905. 2 p.l., (1), iii–vi, 102 p. 12°.

English title: The weavers.

—— Die Weber...Judisch vun A. A. Ben-Gur (pseud.). *Wilna: Verlag "Die Welt,"* 1906. 109, ii p. 8°.

384. **Ibsen** (Henrik). Geister vun jener Welt. Familien Drama in 3 Akten. Übersetzt vun Joel Enteen. *New York: Internat. Lib. Pub. Co.,* 1906. 16°.

385. —— Nora oder a Lialkes Haus. Drama in 4 [read: 3] Akten. Übersetzt vun Morris Winchevsky. *New York: M. Maisel,* 1906. 1 p.l., 107 p., 1 port. 16°.

Eng. title: A doll's house. Translated by M. Winchevsky.

386. —— Die Stützen vun der Gesellschaft. Drama in vier Akten. Übersetzt vun Abraham Frumkin. *London: Verlag "Arbeiter Freund,"* 1906. 109 p. 12°.

387. —— Der Volksfeind. Schauspiel in 5 Akten. Übersetzt vun Saul Yanovsky. *New York: Progressive Library,* 1906. 1 p.l., 138 p., 1 port. 12°.

Birnbaum (Nathan). *Mathias Acher, pseud.* Henrik Ibsen and the Jewish view of life (Hebrew). [Translated from the author's German manuscript by S. I. Posner.] (In: Mimizrach Umimaarab. v. 4, p. 68–78. *Berlin,* 1899. 8°.)

—— Ibsen and Judaism (Russian). [Translated from the German by K. K.] (In: Yevreiskaya Zihzn. *St. Petersburg,* July, 1906. p. 158–160. 8°.)

Hermalin (David Moses). Henrik Ibsen (Judeo-German). (In: Minikes' Yomim Noraim un Succoth Blatt. *New York,* 1906. f°.)

388. **Lemoine.** Der feine Kabzon. Ein melodrama mit Gesängen und Tänzen in fünf Akten. Nach dem Sujete "Der Muttersegen" für die idische Bühne bearbeitet von N. N. [*Odessa?* 188–.] 40 l. sq. 8°.

Ms. German cursive characters.

389. **Lerner** (Joseph Judah), *translator.* Mutter Liebe; oder, Zwei Chatunoth in ein Tog. Melodrama in 5 Akten. Üebersetzt von Lerner von Französischen. [1886.] 52 l. sq. 8°.

Ms. German cursive characters. Copied by M. Nechamkus.

390. **Shakespeare** (William). Julius Cäsar, Eine istorische, trahedische Drama...in 5 Erscheinungen...frei übersetzt und bearbeitet in'm prostjudischen Jargon [in prose] von Bezalel Wischnepolski... *Warschau: A. Gins,* 1886. 148 p. 12°.

German title: Julius Cäsar... frei uebersetzt und bearbeitet in der neu jüdischen Sprache von C. E. Wischnepolski.

391. —— Der König Lear oder Die undankbare Kinder. Bearbeitet noch Shakespeare's Tragödie vun A. S. Halperin. Mit Bilder. *Warsaw: A. Gins,* 1904. 43 p. 16°. (Zuckermann's Volksbibliothek.)

A prose tale from Shakespeare's drama.

—— Merchant of Venice. *See* "Other Dramas of Jewish life," *s. v.* Shakespeare.

Judeo-German Stage Songs.

392. **Alle** neueste judische Theater und Volks-Lieder...von...J. Lateiner, A. Goldfaden, S. Mogulesko und R. Marks... *New York: N. Kalaschiner & Co.* [18—] 47 p. 12°.

393. **Alle** neueste Theater-Lieder und Coupleten...35 Lieder... *New York: J. Katzenelenbogen* [189—]. 50, (16) p. 12°.

394. **Avramovitz** (Max). A Büntele Blumen. Gewählte Coupleten und Volkslieder... *New York: Katzenelenbogen & Kantrowitz* [1894]. 4, 12 p. 12°.

395. **Buentele** Blumen (A) in vier Theilen ...*New York: J. Katzenelenbogen,* 1896. 6, 8, 12, (4), 32 p. 12°.

1. Alle Lieder vun Akedath Jizchkak vun Abraham Goldfaden.
2. Coupleten un Volkslieder von Max Avramowitz.
3. Alle Lieder vun Kuzri vun Prof. Horowitz.
4. Anekdoten vun G. Braude.

396. **Goldfaden** (Abraham). "Hozmach's Krömel" vun verschiedene Antiken. 25 jüdische Volkslieder, was senen gesungen geworen in Goldfadens jüdischen Theater. Zusammen geklieben vun Abraham Jizchak Tanzmann... *Warsaw: M. M. Zuckermann,* 1891. 88 p. 12°.

397. —— Die neueste Goldfadens judisch Theater-Lieder... *New York: J. Katzenelenbogen,* 1893. 26, (1) p. 12°.

—— Die neueste Goldfaden's jüdische Theater-Lieder...und einige Volkslieder...von E. Zunser, M. Rosenfeld und W. Ehrenkranz. *New York: J. Katzenelenbogen,* 1893. 1 p.l., (1), 37 p., 5 l. 12°.

—— —— 1896. (1), 37 p., 8 l. 12°.

398. —— Die berühmte Lied von "Steh auf mein Volk"...[*New York: J. Katzenelenbogen* 189–] 3 p. 16°.

399. **Idische** Bühne (Die). Jubiläum Ausgabe. *New York: J. Katzenelenbogen,* 1897. 2 pt. Unpaged. 12°.

2. Abth. Volkslieder, Theater Lieder, Konzert Lieder, Arbeiter Lieder, Deklamationen . . .
Eng. title: The Jewish stage . . . Pt. 2 . . . theatrical couplets, labor songs and popular songs, and recitations . . . Compiled by J. Katzenelenbogen . . .

—— Same. [Pt. 2., enlarged.] *Brooklyn, N. Y.,* 1903. 12°.

400. **Judische Konzert-** und Theater-Lieder ...von A. Goldfaden, E. Zunser, S. Moguleski und Arbeiter-Lieder. *New York: J. Katzenelenbogen,* 1890. 54 p. 12°.

401. **Judische** Theaterlieder... *New York: J. Katzenelenbogen* [189–]. 54 p. 12°.

Judische Theater-Lieder in 4 Theil...25. ed. *New York: J. Katzenelenbogen,* 1894. 1 p.l., (1), 74 p. 12°.

—— Another copy.

—— —— 26. ed. *New York: J. Katzenelenbogen,* 1897. (1), 74 p. 12°.

402. **Judische** Theater-un Volks-Lieder ... 2. Theil. Die Harfe... *New York: J. Katzenelenbogen* [1892]. p. 57–88. 12°.

English title: The harp. Hebrew songs.

—— —— Die Harfe... *Brooklyn, New York: Heb. Pub. Co.*, 1902. v. p. 12°.

403. **Katzenelenbogen** (S. Joseph). Jüdische Melodien oder Volks-Lieder... ausgewählte Lieder, Coupleten un Fabeln vun seine... Theaterstück... *Milna: A. H. Katzenelenbogen*, 1887. x,(1), 86 p. 24°.

404. **Lieder-Album** (Der). A Sammlung vun alle idische Theater-Lieder, Koncert-Lieder, Coupleten un Volks-Lieder... *Brooklyn, N. Y.: Heb. Pub. Co.* [1901] vii, 245 p. 12°.

English title: The song album, containing all theatrical couplets, labor songs, popular songs and recitations.

405. **Lieder** Buch von Cupleten. [*New York*, 189–?] 1 p.l., 58f. sq. 8°.

Ms. German cursive characters.

406. **Marks** (Rudolph). Rudolph Marks' Bibliothek... Ein Auswahl von... Coupleten und Deklamationen... Verfast und gesungen von R. Marks. *New York: M. Prickles*, 1896. 32 p. 12°.

407. **Mogulesko** (Sigmund). Coupleten, komische und humoristische, für der jüdischer Bühne... *Odessa: M. Belinson*, 1881. pt. 1. 32 p. 12°.

408. —— Souvenir. Der Album enthält alle neueste Theater-Lieder, Coupleten un Duetten. *New York: J. Katzenelenbogen* [1900?]. 13 p. 8°.

409. **Neuste** (Die) judische Konzert und Theater Lieder. 10. Aufl. *New York: J. Katzenelenbogen*, 1894. 63 p., 1 port. 12°.

410. **Neuste** (Die) Theater und Volks Lieder... *New York: J. Katzenelenbogen*, 1895. 18 l. 12°.

English title: The latest people's stage songs.

411. **Reingold** (Isaac). Die neueste Reingold's Theater- und Volkslieder gesungen mit englische Melodien. In 2 Theil. *Chicago: J. Lidskin* [1896]. 1 p.l., 21 l. 12°.

412. —— Der Phonograph Komische Coupleten und Theater-Lieder mit bekannte englische Melodien... *Chicago: J. Lidskin* [189–]. 1 p.l., 7 l. 12°.

413. —— Reingold's Liederbuch... Parodien nach die... populärste englische Lieder, gesungen mit de neueste Melodien. *New York: J. Katzenelenbogen* [189–?]. no. 1. 1 p.l., 6 l. 4°.

English title: Reingold's songster.

414. **Reingold** (Isaac), *and others*. Die Strune. Auserwählte Theater- und Volkslieder mit bekannte englische Melodien... in 2 Theil. *Chicago: J. Lidskin* [1894?]. 23 l. 8°.

415. **Verschiedene** Deklamationen und Theaterlieder in 5 Theilen... *New York: J. Katzenelenbogen* [189–]. 1 p.l., 16 l. 12°.

THE STAGE.

Abrahams (Israel). Jews and the theatre. (In: Jewish Chronicle. *London*, Nov. 13, 1891, Jubilee supplement, p. 21–23. f°.)

—— The Jews and the theatre. The Purim play and the drama in Hebrew. (In his: Jewish life in the Middle Ages. *London*, 1896. 8°. p. 251–272.)

Bernheimer (Charles S.) The Russian Jew in the United States... *Philadelphia: The J. C. Winston Co.*, 1905. 8°.

Chap. VII. Amusement and social life (p. 221–254). New York, by A. H. Fromenson; Philadelphia, by Mrs. Simon N. (Charlotte Kimball) Patten; Chicago, by I. K. Friedman.

Bril (Isaac Leep). Development of the Yiddish stage. (In: Jewish Comment. *Baltimore*, Oct. 17, 1902. p. 1. f°.)

Buber (Martin). Eine jungjüdische Bühne. (Die Welt. v. 5, no. 45. *Wien*, 1901. 4°.)

Cahan (Abraham). Der idischer Theater un die amerikaner Romanen. [Judeo-German.] (Arbeiter Zeitung. v. 3, no. 18. *New York*, 1892. f°.)

—— A Debatte über den idischen Theater. (Ibid. no. 24.)

Dramatische Welt (Die). A monatliche Schrift vun Literatur, Kritik un dramatische Neues, speciell gewidmet dem judischen Theater. Redaktirt vun Jacob Gordin. [Judeo-German.] *New York*, 15 July–16 Oct., 1904. 4 nos. f°.

No more published. English title: The Dramatic World.

Fein (M.) Was lehrt der Thalmud über Schauspielkunst, Musik und Gesang? (Ben Chananja. v. 4, p. 25–27. *Szegedin*, 1861. 4°.)

Franzos (Karl Emil). Der Pojaz. Eine Geschichte aus dem Osten. Mit einem Porträt. *Stuttgart: J. G. Cotta*, 1905. 486 p., 1 port. 12°.

Freie judische Volksbühne (Die). Redaktirt vun Joel Enteen... *New York: N. M. Shaikewitz*, 1897. 34 p. 8°.

Frischmann (David). Judisch Theater. (In: Sammelbuch "Kultur." *Warsaw*, 1905. 12°. p. 17–32.)

Gordin (Jacob). Der Suget vun mein zukünftige Drama. [A satire in verse. Judeo-German.] (Arbeiter Zeitung. v. 3, no. 21. *New York*, 1892. f°.)

—— Idische Theaters un idische Dramaturgen. (*Ibid.* no. 40.)

Comp. the letters of Jacob Milch and Louis Miller, *ibid.* nos. 41, 43, 44.

Hapgood (Hutchins). The stage. Theatres, actors and audience. Realism, the spirit of the Ghetto theatre. The history of the Yiddish stage. (In his: The spirit of the Ghetto. *New York*, 1902. 8°. p. 113–176.)

—— Zur Geschichte des Jargontheaters. (Die Welt. v. 8, nos. 6–7. *Wien*, 1904. 4°.)

From "Spirit of the Ghetto."

Hebrew Actors' Protective Union of New York. Journal. Herausgegeben vun die judische Aktoren Union zu seiner 4ten Jahresfest. New York, den 27 December, 1903. [*New York: Lipschitz*, 1903.] 13 p., 1 port. 8°.

Horovitz (Josef.) Der Mimus in jüdischen Quellen. (In his: Spuren griechischer Mimen im Orient. *Berlin*, 1905. 8°. p. 89–95.)

Idische Bühne (Die). Jubiläum Ausgabe. [Judeo-German.] *New York: J. Katzenelenbogen*, 1897. 2 v. in 1. 12°.

1. Abth. Artiklen: Geschichte, Kritik. Belletristik. Skizzen, Poesie.
2. Abth. Volks Lieder, Theater Lieder, Konzert Lieder.

Arbeiter Lieder, Deklamationen. Beilage: Business Notizen, Witzen, Anekdoten.
Eng. title: The Jewish stage. Pt. 1 . . . a collection of articles and stories . . . Edited by C. H. J. Minikes. Pt. 2 . . . theatrical couplets, labor songs and popular songs, and recitations . . . Compiled by J. Katzenelenbogen . . . Issued in honor of the twentieth anniversary of the Jewish stage.
Reviewed by Jacob Gordin in Freie judische Volksbühne. New York, 1897. 8°. p. 29-34.)

Jaffa (Isaac). Der judischer Theater wie er is. [Judeo-German.] (Judisch-amerikanischer Volks-Kalender... von A. Harkavy. v. 2, p. 60–62. *New York*, 1895. 12°.)

Jastrow (M.) Les Ludim ou Ludaï. (In: Revue des Études juives. v. 17, p. 308–310. *Paris*, 1888. 8°.)

Comp. Krauss (S.) Griechische und lateinishe Lehnworter, *s. v.* ludim.

K. (P.?) The Jewish Theatre. (Ha-Meliz. v. 38, no. 287. *St. Petersburg*, 1898. f°.)

Kayserling (Meir). (Antonio Enriquez Gomez als Dramatiker.] (In his: Sephardim .. *Leipzig*, 1859. 8°. p. 226–243.)

Kohut (Adolph). Bühnenkünstler und Bühnenleiter. (In his: Berühmte israelitische Männer und Frauen. v. 1, p. 161–259. *Leipzig* [1900]. 8°.)

Karpeles (Gustav). The Jewish stage. (In his: Jewish literature and other essays. *Philadelphia*, 1895. 12°. p. 229–248.)

Loew (Leopold). Was lehrt der Thalmud über Schauspielkunst, Musik und Gesang? II. [Supplementing the article of M. Fein, see supra.] (In his: Ben Chananja. v. 4, p. 37–40, 64. *Szegedin*, 1861. 4°.)

—— —— (In his: Gesammelte Schriften. v. 4, p. 108–132. *Szegedin*, 1898. 8°.)

—— Das Schauspiel. (In his: Die Lebensalter in der jüdischen Literatur. p. 295–300. *Szegedin*, 1875. 8°.)

Meisach (Joshua). Bamat Yischak o Masa Ge Chizzayon. [On the Jewish stage. Hebrew.] *Warsaw: Baumritter & Gonsior*, 1889. 40 p. 16°.

Menkes (Hermann). Jüdisches Theater in Galizien. (Allg. Zeitung d. Judenthums. v. 57, p. 526–528. *Berlin*, 1893. 4°.)

Miller (Louis). Ueber idische Kunst. [Judeo-German.] (Arbeiter Zeitung. v. 3, no. 17. *New York*, 1892. f°.)

Perles (Joseph). Etymologische Studien zur Kunde der rabbinischen Sprache und Alterthümer. (Monatsschrift f. Gesch. u. Wissenschaft d. Judenthums. v. 19, p. 494–500. *Breslau*, 1870. 8°.)

Rappoport (Solomon Loeb). Ed (Ludi Seculares). [Hebrew.] (In his: Erech Millin. *Pragae*, 1852. sq. 8°. p. 30–33.)

Richards (Bernard G.) Yiddish theatre in Boston. (Jewish Home Journal. v. 3, p. 15–19. *Boston*, 1904. 8°.)

S. (F.) Das Theater und die Juden. (Die Welt. v. 3, nos. 7, 9, 15, 23. *Wien*, 1899. 4°.)

Sachs (Michael). [Was zur Zerstreuung und Lust von öffentlichen Schaustellungen üblich war... [und] in den beiden Talmuden erwähnt... [ist].] (In his: Beitraege zur Sprach- und Alterthumsforschung. Aus jüdischen Quellen. Heft 1, p. 123–124; Heft 2, p. 121. *Berlin*, 1851–54. 8°.)

Schach (Fabius). Das jüdische Theater, sein Wesen und seine Geschichte. (Ost und West. v. 1, col. 347–358. *Berlin*, 1901. 4°.)

[**Selikovitch** (George).] Der idischer Roman und Theater. [Judeo-German.] (Arbeiter Zeitung. v. 1, nos. 27–29. *New York*, 1890. f°.)

The article is signed "Sambation."

Shalom Alechem, *pseud. of* SHALOM RABINOWITSCH. Shimeli. [A story of the life of a Jewish actor. Hebrew.] (In: Ha-Asif. v. 5, department of fiction, p. 49-64. *Warsaw*, 1889. 8°.)

Theater Journal (Der). Erscheint ein Mol in zwei Wochen. B. Gorin, Redaktor. [Judeo-German.] *New York:* Oct. 1, 1901–Feb. 15, 1903. 8° and 4°.

No more published.

Wiener (Leo). The Jewish theatre (In his: The history of Yiddish literature in the nineteenth century. *New York*, 1899. 8°. p. 231–243.)

Zangwill (Israel.) The jargon players. (In his: Children of the Ghetto. v. 1, p. 375–384. *Philadelphia*, 1892. 8°.)

INDEX.

This index includes only those dramas of which the complete text is represented in the preceding list. The arrangement is alphabetical by authors.

ABRAMOWITSCH (Shalom Jacob).
Der Prisiw. 248
Die Taxe. 302

AGUADO (Miguel R.)
Sarah y Joseph. 223

AHASVERUS Spiel. 118

ALDRICH (Thomas Bailey).
Judith of Bethulîa. 151

ALFIERI (Vittorio).
Abéle. 14
Saul. 68

ALLE neueste judische Theater- und Volks-Lieder. 392

ALLE neueste Theater-Lieder und Coupleten. 393

ANDERMANN (David Meir).
Emunah we-Haskalah. 281

ANGELA Fortunata.
Aseneth. 26

AN-SKI (S. A.)
Otetz i syn. 256

APFEL (Samuel Abel).
Kishron ha-Chokmah u-Mappach Nefesh. 282

ARETINO (Pietro).
Il marescalco. 257

ARMSTRONG (George Francis).
The tragedy of Israel. 92

ATLASS (Joshua).
Ha-Nirdaf me-Erez Russia. 252

AVRAMOVITZ (Max).
A Büntele Blumen. 394
Mein Theater-Magazin. 303

AXENFELD (Israel).
Der erste jüdische Rekrut in Russland. 247
Mann un Weib. 304
BANK (Joshua).
Tebusat Absalom. 84
BAOUR-Lormian (P. M. F. L.)
Omasis. 27
BECKERMANN (Simeon).
[Hadassah] Die Ch'luzah. 305
BEHAR (Jakim.)
La familia misteriosa. 301
BEN-ZION (Benedix).
Das eifersüchtige por Volk. 375
A Familien Drame. 306
Flotte Burschen. 376
A grosser Sod. 307
Lumpazius Vagabundus. 377
Schaul ha-Melech. 69
Die umzufriedene Glückliche. 308
Die unglückliche Ehe. 378
A varumglücktes Auto-da-fé. 210
Zehn Mädchen und kein Mann. 379
Der Zwua'k. 309
BERNSTEIN (S.)
Reb Jochze Dal Geëh. 310
BERQUIN (Arnaud).
Musar Naar Ra. 289
BERG (O. F.)
Einer von unsere Leut'. 258
BIBLICAL dramas, arranged by H. G. Hale and Newton M. Hall. 1
BLIDEN.
Ha-Chashmonaim. 156
BOISSON (Marius) *and* LUCIEN RICAILLE.
La vengeance du Juif. 259
BROWN (Charles Hovey).
Moses. 44
BUECHNER (Georg).
Danton's Tot. 380
BUENTELE Blumen. 395
BURTON (Richard).
Rahab. 52
BYRON (Lord).
Cain. 15
CALDERON de la Barca (Pedro).
Autos sacramentales. 2
Los cabellos de Absalon. 85
Judas Macabeo. 157
El mayor monstruo los zelos. 170
La sibila del Oriente. 93
CAROLINE (Louise).
Baruch von Spinoza. 237
CHASCHKES (Moses).
Abarbanel. 225
CHATEAUBRIAND, Vicomte de.
Moïse. 45
CHAYYIM Abraham ben Aryeh Loeb.
Milchamah be-Shalom. 28
Gedulat Joseph. 28
CHEKHOV (Anton Pavlovich).
Der Bär. 381
CHESTER plays. 3
CHIRIKOV (Yevgeni).
Yevrei. 253
COHEN (Salomon Jacob).
Maaseh Nabot ha-Yizreeli. 112
COHN (Herman).
Der Barbier von Schuschan. 119
COHN (Isaac Jehoiada).
Boaz we-Ruth. 64
CORNEILLE (PIERRE).
Bérénice. 195
COUTTS (Francis).
The song of songs. 100
CRIPPEN (T. G.)
Joseph in Egypt. 29
CUMBERLAND (Richard).
The Jew. 260
DANIEL in the lion's den. 139
DIAMANTE (Bautista Juan).
La Judia de Toledo. 211
DUCHÊ de Vancy (Joseph François).
L'Assalonne. 86
Il Gionata. 76
EBB (Sophie R.)
Joseph. 30
EBERSBERG (Ottokar Franz). *See* BERG (O. F.)
EFRATHI (Joseph).
Meluchat Shaul. 70
EPPELBERG (W. H.)
David in der Wüste. 77
Esterka. 218
Die verbittene Jozroth. 311
L'ERMITE de la Rue Gauvin.
Daniel. 140
ESTÈVE, Abbé.
Moïse sauvé des eaux. 46
ESTHER ha-Malkoh. 120
ETTINGER (Solomon).
Serkele. 312
EZEKIEL.
Ἐξαγωγή. 48–49
FALKOWITSCH (Joel Berisch).
Reb Chajimil der Kozin. 313
FENTON (Elijah).
Mariamne. 171
FISCHMANN (Nachman Isaac).
Kesher Shebna. 114
Sisera. 53
FONER (Meir).
Joseph della Reina. 231
FRANCO MENDES (David ben Abraham).
Gemul Athaliah. 107
FRIEDE (Hans).
Sünde. 82
FRIEDLÄNDER (Moriz).
Marcia. 206
GAMSU (Judah Loeb).
Ezra. 146
GARCÍA DE LA HUERTA (Vicente Antonio).
Raquel. 212
GENLIS, Comtesse de.
Isaac. 22
GESSNER (Salomon).
Eldad we-Tirzah. 290
GITELEWICZ (Gedaliah).
Hadassah. 121

GIUPPONI (Daniele).
Geu. 106
GNIB (J. D. H.)
Das Chanuka-Trenderl. 314
GOEIJ (Roger de).
Jephtah victorieux. 55
GOETHE (Johann Wolfgang von).
Faust. 203, 382
GOLDENBERG (N.)
Chaim I, gromoverzhetz. 251
GOLDFADEN (Abraham).
Akedath Jizchak. 20
Almasadda. 215
Bar Kochba. 200
Die beide Kni-Lemil. 317
Die Bobe mit dem Enikel. 315
Fanatik. 316
Hozmach's Krömel. 396
Die Kaprisne Kallah-Maud. 318
Die Kischufmacherin. 319
Moschiach's Zeiten. 250
Die neueste Goldfaden's judische Theater-Lieder. 397
Die berühmte Lied von "Steh auf mein Volk." 398
Rabbi Joselmann. 233
Schmendrik. 320
Sulamith. 189
Theater von König Achaswerosch. 122
Das zehnte Gebot "Lo Thachmod." 321
GOLDSCHMIDT (William).
Hadassah. 123
GORDIN (Jacob).
Elisha ben Abujah. 204
Gott, Mensch und Teuwel. 322
Die Jethomah. 323
Der jüdischer Konig Lear. 323a
Medea. 324
Mirele. 325
Die wilde Prinzessin. 326
GORDON (Samuel), *and* NAHUM RACKOW.
Captain Dreyfus. 255
GOTTLOBER (Abraham Baer).
Der Decktuch. 327
GRANELLI (Giovanni).
Manasse. 115
Sedecia. 116
GRILLPARZER (Franz).
Esther. 124
Die Jüdin von Toledo. 213
GROOT (Hugo de).
Sofompaneas of Joseph in 't hof. 31
GROTIUS. *See* GROOT (Hugo de).
GUTZKOW (Karl Ferdinand).
Uriel Acosta. 234
HALE (Harris G.), *and* Newton M. HALL.
Biblical dramas. 1
Moses the liberator. 51
Story of Jacob. 25
Story of Joseph. 40
HALL (Newton M.) *See* HALE (Harris G.)
HARFE. 402
HAUPTMANN (Gerhard).
Die Weber. 383
HEAVYSEGE (Charles).
Saul. 71
HEBBEL (Friedrich).
Herodes und Mariamne. 172
Judith. 152
HEIJERMANS (Herman), jr.
The Ghetto. 261
HELLER (Jacob M.)
Die Wölf in Fell von Schaf. 328
HERZ (Joseph).
Esther. 125
HEYSE (Paul).
Mary of Magdala. 186
Sulamith. 94
HEYWOOD (Joseph Converse).
Herodias. 182
Salome. 190
HILARIUS (Justus).
Der Anherr. 262
HILLE (Peter).
Hirtenliebe. 101
HIRSCHBEIN (Pharez).
Weite und nohente. 283
HORELIK (M.)
Ha-Chamsan ha-Katan. 284
HOROWITZ (Moses).
Athaliah. 108
Bath Cohen. 169
Beth Dawid. 207
Don Judah Abravanel. 229
Die Lieder von Kuzri. 208
Schelomoh ha-Melech. 95
HOROWITZ (S.)
Das Hohe-Lied. 102
HOUDART DE LA MOTTE (Antoine).
I Macabei. 158
HUGO (Victor).
Torquemada. 226
HURWITZ (Israel). *See* LIBIN (Z.)
IBSEN (Henrik).
Geister vun jener Welt. 384
Nora. 385
Die Stützen vun der Gesellschaft. 386
Der Volksfeind. 387
IDISCHE Bühne. 399
ILIOWIZI (Henry).
Herod. 173
Joseph. 32
IRGENS (Hanna).
Moses i Tönden. 263
ISSACHAR Baerman.
Mechirus Joseph. 33
JACOBSOHN (G.)
Ruth. 65
JACOBSON (Janie).
For liberty. 159
Joseph and his brethren. 34
A maid of Persia. 126
JEPHTHA's daughter...By a lady. 56
JOSEPH and his brethren. 35–36
JUDISCHE Konzert- und Theater-Lieder. 400
JUDISCHE Theaterlieder. 401
JUDISCHE Theater- un Volks-Lieder. 402

KALMUS (Ulrich).
Geschichte vun a seltenem B'rith un a genarrte Chathunah. 329
Schmerele Trostinetzer. 330

KATZENELENBOGEN (Judah).
Die idische Bühne. 399

KATZENELENBOGEN (S. Joseph).
Jüdische Melodien. 403
Das Pflegekind. 331
Rashi. 209

KEIM (Franz).
Schoschanah. 96

KESHER Bogedim. 285

KLOPSTOCK (Friedrich Gottlieb).
David. 78
Salomo. 97
Der Tod Adams. 9
Der Tod Abels. 16

KOENIG (Eberhard).
König Saul. 72

KOSSARSKI (Julius).
Titus. 191

KOZLOSKI (Stanislaw).
Masa Ester. 219

KUNIZ (Moses).
Maaseh Chakamin. 205

LAMARTINE (A. M. L. de Prat de).
Saul. 72a

LANDAU (Judah Leo).
Acharit Yerushalayim. 192
Bar Cochba. 201
Dam tachat Dam. 166
Hurdos. 174
König Hurdus. 175
Yesk Tikwah. 286

LATEINER (Joseph).
Blümele. 240
Daniel in den Löwengrube. 141
David's Fiedele. 332
Iseho Roo. 165
Joseph und seine Brüder. 37

LAZARUS (Emma).
The dance to death. 217

LEBENSOHN (Abraham Dob Baer).
Uriah u-Bat Sheba. 81a

LEIBSON (Jacob J.)
Too much Haman. 127

LEMOINE.
Der feine Kabzon. 388

LERNER (Joseph Judah).
Chanuka. 160
Judith. 153
Mutter Liebe. 389

LERNER (Marie).
Die Agunah. 333

LESSING (Gotthold Ephraim).
Abinadab. 291
Die Juden. 264
Nathan der Weise. 265
Sarah bat Simson. 292

LEVI (David).
Il profeta. 117

LEVY (Clifton Harby).
Haman and Mordecai. 128

LEVY (Leah).
Bible plays... Abraham. 21

LIBIN (Z.)
Die Zubrochene Herzer. 334

LIEDER-Album. 404

LIEDER Buch von Cupleten. 405

LIENHARD (Fritz).
Ahasver. 188

LILIENBLUM (Moses Loeb).
Serubabel. 147

LONGFELLOW (Henry Wadsworth).
Judas Maccabaeus. 161

LOUNSBERY (Grace Constant).
Delilah. 59

LUDWIG (Otto).
Der Jacobsstab. 239
Die Makkabäer. 162

LUZZATTO (Moses Chayyim).
Shimshon u-Felishtim. 59a
La-Yesharim Tehillah. 286a

MAFFEI (Francesco Scipione).
Merab. La Merope. 293

MALBIM (Meir Loebusch ben Jehiel Michel)
Shire Kodesh we-lahem Mashal u-Melizah. 287

MALI (P. H.)
In der Finsterniss. 335

MANNHEIMER (Adolf).
Festspiel. 266

MANZONI (Francesca).
L'Ester. 129

MARGULIES (Aaron).
Semel ha-Ahabah weha-Kinah. 83

MARKS (Rudolph).
Bibliothek. 406
Der Bowery Tramp. 336
Chajim in Amerika. 337
Der Silver König. 338
Die Zwei Schwester. 339

MARLOWE (Christopher).
The Jew of Malta. 267

MARRIOTT (William).
Collection of English miracle-plays. 4

MENDELSSOHN (Ludwig).
Intimes aus de Liliengass'. 340

MENDÈS (Catulle).
Le fils de l'étoile. 202

MENDES (Henry Pereira).
Esther. 130
Judas Maccabaeus. 163

METASTASIO (P. A. D. B.)
Betulia liberata. 154
Gioas. 109
Giuseppe riconosciuto. 38
Isacco. 23
La morte d'Abel. 17

MEYER (Louis).
Abarbanell. 227

MILMAN (Henry Hart).
Belshazzar. 142
The fall of Jerusalem. 193

MILTON (John).
Samson Agonistes. 60

MINIKES (Chanan Jacob).
Zwischen Indianer. 341
MINSKI (N.)
Osada Tulchina. 235
MISTÉRE du Viel Testament...par le baron James de Rothschild. 5
MOGULESKO (Sigmund).
Coupleten. 407
Souvenir. 408
MONASSOWITZ (M.)
Neshef-Purim. 287a
MOOS (H. M.)
Mortara. 249
MORE (Hannah).
Belshazzar. 143
Daniel. 144
David and Goliath. 79
Moses in the bulrushes. 47
Sacred dramas. 6
MOSENTHAL (Salomon Hermann von).
Deborah. 244
Leah the forsaken. 244
MOSES (Annie Jonas).
Esther. 131
MOSES the liberator...by Harris G. Hale and Newton M. Hall. 51
MOT Adam. 10
MUELLER (Hugo).
Ha-Dod Mosheh ben Menahem. 243
NEUSTE judische Konzert und Theater Lieder. 409
NEUSTE Theater und Volks Lieder. 410
NORDAU (Max Simon).
Doktor Kohn. 268
NOSSIG (Alfred).
Abarbanel. 228
OCHS (Julius).
The Megilla. 132
OSBORN (Laughton).
Mariamne. 176
OTTOLENGHI (Lazzaro).
Il matrimonio misto. 269
OTWAY (Thomas).
Titus and Berenice. 196
P., BR.
Three plays. 7
PARVI (Zenon).
Rok 1794. 246
PELLICO (Silvio).
Erodiade. 183
Ester d'Engaddi. 198
PEREZ (Isaac Loeb).
Bei dem fremden Chuppah-Kleid. 342
A Literature-Szene. 343
PETERSEN (E.)
De Kristne Jöder. 270
PHILIPPSON (Ludwig).
Esther. 220
PHILLIPS (Stephen).
Herod. 177
PINSKI (David).
Eisik Scheftel. 344
Die Familie Zebi. 254
POLACK (Elizabeth).
Esther. 133
RABENER (Mattathiah Simchah).
Sulamit. 103
RABINOWITSCH (Shalom).
Die Assefah. 345
Der Get. 346
Judische Gazetten un Journalen. 347
RACINE (Jean Baptiste).
Athalie. 110
Bérénice. 197
Esther. 134
RACKOW (Nahum).
Der Grüner in London. 348
RACKOW (Nahum) *and* SAMUEL GORDON.
Captain Dreyfus. 255
RAPOPORT (Solomon Loeb).
Sheërit Yehudah. 135
Otez i syn. 256
REINGOLD (Isaac).
Die neueste Reingold's Theater- und Volkslieder. 411
Der Phonograph. 412
Reingold's Liederbuch. 413
Die Strune. 414
RICAILLE (Lucien) *and* MARIUS BOISSON.
La vengeance du Juif. 259
RICHTER (Moses).
Reb Herzele Mejiches. 349
RITCHIE (John).
Jonah the prophet. 111
RIVES (Amelie).
Herod and Mariamne. 178
ROSÉE (Adolphe).
Esther und Haman. 136
ROSENFELD (Morris).
Elend und Toit. 350
ROSENZWEIG (J.)
Nathan Schlemiel. 271
ROSENZWEIG (Leo). 351
Ein erster Mai in zwanzigsten Jahrhundert. 351
ROSENZWEIG (Salomon).
Ruth. 66
ROTHSCHILD (James), *baron*.
Mistére du viel testament. 5
RÜCKERT (Friedrich).
Herodes der Grosse. 179
Saul und David. 73
SABIESENSKY (Baer Isser).
Der Pustokrat. 351a
SACHS (Hans).
Der affrhürische Absolom. 87
Die gantz histori Tobie. 150
Hester. 137
Hiob. 149
Jacob. 24
Judith. 155
Juditium Salomonis. 98
Ein spil mit 11 personen, wie Gott, der Herr, Adam und Eva ihre Kinder segnet. 12
Dat teuffel nam ein alt weib zu der ehe. 272
Tragedia von schöpfung. .Ade. 11
Die ungeleichen Kinder Eva. 18
Das witfrewlin mit dem ölkrug. 105
SALKIND (I. M.)
Ha-Aniyyim. 294
SANSEVERINO (Carlo).
Ciro in Babilonia. 145
SCARSELLI (Flaminio).
Il Davidde penitente. 80

SCHIESSLER (S. W.) *See* HILARIUS (Justus).
SCHLEYER (Johann Martin).
Elias. 104
SCHOLZ (Wilhelm von).
Der Jude von Konstanz. 216
SCRIBE (Augustin Eugène).
La juive. 222
SEDER Mechirat Joseph. 39
SEIFFERT (Moses).
Die gele Redakzie. 352
Miriam ha-Chashmonaith. 180
SELIKOVITSCH (George).
Lord Attah Hareta gefangen. 353
Die "stumme Beschäffenis." 354
SESSA (Karl B. A.)
Unser Verkehr. 273
SHAIKEWITZ (Nahum Meir).
Der Baal Theschubah. 355
Der Idischer Poritz. 356
Die kokete Damen. 357
Der Revisor. 358
Die spanische Inquisition. 230
SHAKESPEARE.
Hamlet. 295
Ithiel ha-Cushi mi-Venezia (Othello). 298
Julius Caesar. 390
Der König Lear. 391
Macbeth. 297
Ha-Melec Lear. 296
Merchant of Venice. 274
Ram we-Jael (Romeo and Juliet). 299
SHERIDAN (Richard Brinsley).
The Duenna. 275
SINANI.
Die "Unterthänige." 359
SMULEWITZ (Solomon).
Freitag in Hester Street. 360
Pastuch un Prinzessin. 361
Vun Glück zum Strick. 362
STEIN (Leopold).
Die Hasmonäer. 164
Haus Ehrlich. 276
Der Knabenraub zu Carpentras. 242
STORRS (Lewis A.)
Saul. 74
STORY of Jacob...by Harris G. Hale and Newton M. Hall. 25
STORY of Joseph...by Harris G. Hale and Newton M. Hall. 40
SUDERMANN (Hermann).
Johannes. 184
SZLIFERSZTEIN (A.)
Dora. 363
TAWJEW (Israel Chayyim).
Bi-Mekom Derasha. 288
TEATRO ebraico. 8
TERR (Jacob).
Alexander Jannai. 167
Der amerikaner Arbeiter. 364
Amnon we-Thamar. 113
Bath Jiphthach. 57
Don Juan. 365
Die idische Gräfin. 366
Judith die Perle vun Orient. 238
Kether Malchuth. 168
Milchemeth ha-Jehudim. 54
Der Mored be-Malchuth. 224
Rabbi Sabbathai Cohen. 236
Die Stiefmutter. 367
Techijath ha-Methim. 368
Der Verfasser in Kind-Bett. 369
Der Zwilling. 241
TULLIDGE (Edward W.)
Ben Israel. 277
VEGA Carpio.
Las paces de los reyes, y judía de Toledo. 214
VERSCHIEDENE Deklamationen und Theaterlieder. 415
VOLTAIRE.
Mariamne. 181
Samson. 61
Saul. 75
VONDEL (Joost van den).
Adam in ballingschap. 13
De gebroeders. 90
Adonias. 91
Jeptha. 58
Jerusalem verwoest. 194
Joseph in Dothan. 41
Joseph in Egypten. 42
Koning David in ballingschap. 88
Koning David herstelt. 89
Noah. 19
Pascha. 50
Salomon. 99
Samson. 62
VRCHLICKY (Jaroslav).
Der hohe Rabbi Löw. 232
VULPIUS (Christian August).
Lahakat ha-Shodedim. 300
WALCH (Maurice).
Les captifs. 199
WEDEL-JARLSBERG (F. C.), *Friherre.*
Jöden Philip og Bonden. 245
WEISSMANN (Ruben).
Die Nekomoh. 221
WEST (Emma Elise).
Drama of the Babylonian captivity. 148
WHIFFEN (Edwin T.)
Samson. 63
WILDE (Oscar).
Salome. 185
WILENKIN (Nikolai Maximovich). *See* MINSKI (N.)
WILKINSON (Florence).
David of Bethlehem. 81
Mary Magdalen. 187
WILLNER (Wolff).
Esther. 138
WOHLBRÜCK (W. A.)
Il Templario e l'Ebrea. 278
WOHLMANN (Israel Meir).
Der Cherem de-Rabbenu Gerschon. 370
Die weibersche Knüplech. 371
WOLFF-KASSEL (Ludwig).
Ruth. 67
WOLFSSOHN (Aaron).
Leichtsinn und Frömmelei. 372
WRIGHT (Thomas).
Chester plays. 3
YISSURIM. 373
YUSHKEVICH (Semion).
Der Hunger. 279
ZAHIK (David).
Die Rose zwischen Dörner 374
ZAMETKIN (Michael).
A Russian Shylock. 280
ZUNSER (Eliakum). 34
Machaze Mechirath Joseph. 43

PRINCIPAL ACCESSIONS IN DECEMBER.

Bibliography.

Brown (James Duff). A manual of practical bibliography. *London: G. Routledge & Sons, Ltd.* [1906] vii, 175 p. 16°.

—— Subject classification. With tables, indexes, etc., for the sub-division of subjects. *London: The Library Supply Co.*, 1906. 424 p. 8°.

Cooke (George Willis). A bibliography of James Russell Lowell. *Boston: Houghton, Mifflin & Co.*, 1906. ix, 2 l., 4–208 f., 1 port. 8°.

Millot (F. M. Gustave). Catalogue de la Bibliothèque Municipale de Chalon-sur-Saone. *Chalon-sur-Saone: E. Bertrand*, 1902–5. 4 v. 4°.

Biography and Genealogy.

Acton (*1. baron*). Lord Acton and his circle. Ed. by Abbot Gasquet. *London: Burns & Oates* [1906]. 2 p.l., lxxxviii, 372 p., 1 port. 8°.

Alfred der Grosse als Geograph. Von Heinrich Geidel. *München: T. Ackermann*, 1904. 4 p.l., 105 p. 8°. (Münchener geographische Studien. v. 15.)

Balzac (Honoré de). Honoré de Balzac. By Ferdinand Brunetière. *Philadelphia: J. B. Lippincott*, 1906. 316 p., 1 port. 12°. (French men of letters. [v. 2.])

Conway (Moncure Daniel). My pilgrimage to the wise men of the east. *Boston: Houghton, Mifflin & Co.*, 1906. viii, 1 l., 416 (1) p., 3 fac-sim., 7 pl., 11 port. 8°.

Goode (John). Recollections of a lifetime. *New York: The Neale Publishing Co.*, 1906. x, 1 l., 13–266 p., 1 port. 8°.

Griffith family. The pedigree of William Griffith, John Griffith and Griffith Griffiths (sons of Griffith John, of the parish of Llanddewi Brefi, in the county of Cardigan, South Wales, Great Britain), who removed to the county of Chester, Pennsylvania, in the early part of the XVIIIth century. By Thomas Allen Glenn. *Philadelphia*, 1905. 1 p.l., ix, 85 p., 6 fac-sim. 4°.

One hundred copies privately printed.

Josephus (Flavius). Josephus Flavius. Charakterystyka czlowieka i historyka na tle wspolczesnych wypadkow. Majer Balaban. *Lwow: Zydowska Spotka wydawnicza "Kadimah."* 32 p. 8°.

Schiff Collection.

Reades of Blackwood Hill, in the parish of Horton, Staffordshire; a record of their descendants, with a full account of Dr. Johnson's ancestry, his kinsfolk and family connexions. With...plates and...tabular pedigrees. Priv. prt'd. for the author. By Aleyn Lyell Reade. *London: Spottiswoode & Co.*, 1906. xx, 283, 1 l., xlii p., 18 pl., 29 tab. f°.

350 copies printed.

Williams (*Sir* George). The life of Sir George Williams. By J. E. Hodder Williams. *London: Hodder & Stoughton*, 1906. xv (1), 536 p., 1 fac-sim., 17 pl., 7 port. 8°.

America.

[**Aikman**] (*Mrs.* Louisa Susannah Wells). The journal of a voyage from Charlestown, S. C., to London, undertaken during the American Revolution by a daughter of an eminent American loyalist [Louisa Susannah Wells Aikman] in the year 1778, and written from memory only in 1779. *New York: New York Historical Society*, 1906. 5 p.l., 121 p., 1 fac-sim., 1 port. 8°.

Alexander (De Alva Stanwood). A political history of the State of New York (1774–1832, 1833–1861). *New York: H. Holt & Co.*, 1906. 2 v. 8°.

Bible (George Potter). An historical sketch of the Acadians. Their deportation and wanderings. Together with a consideration of the historical basis for Longfellow's poem, Evangeline. *Philadelphia: Ferris & Leach*, 1906. 160 p., 1 map, 12 pl. 12°.

Chadwick (French Ensor). Causes of the Civil War, 1859–1861. With maps. *New York: Harper & Bros.*, 1906. xiv, 372 p., 6 maps, 1 port. 8°. (The American nation; a history. v. 19.)

Eliot (Charles William). Four American leaders. *Boston: Amer. Unitarian Assoc.*, 1906. 5 p.l., 3–126 p. 12°.

First citizens of the Republic. An historical work, giving portraits and sketches of the most eminent citizens of the United States. *New York: L. R. Hamersly & Co.*, 1906. 2 p.l., 239 p. f°.

Kremer (W. P.) 100 great battles of the Rebellion...also, all the battles of the Revolution, war of 1812, Mexican war, Indian battles, American-Spanish war, and naval battles...State rosters from the several states... *Hoboken, N. J.*, 1906. 365 p. 12°.

Reid (William Maxwell). The story of old Fort Johnson. Illustrated by J. A. Maney. *New York: G. P. Putnam's Sons*, 1906. xii, 1 l., 240 p., 45 pl., 7 port 8°.

Europe.

Anderson (*Sir* Robert). Sidelights on the home-rule movement. *London: J. Murray*, 1906. xii, 1 l., 233 p. 8°.

Brodrick (George Charles). The history of England, from Addington's administration to the close of William IV.'s reign (1801–1837)...Completed and revised by J. K. Fotheringham. *London: Longmans, Green & Co.*, 1906. xix, 436 p., 3 maps. 8°. (The political history of England. v. 11.)

Burke (*Sir* John Bernard, *and* A. P.) A genealogical and heraldic history of the landed gentry of Great Britain. *London: Harrison & Sons*, 1906, x, 1882 p. 11. ed. 4°.

Fyvie (John). Some literary eccentrics. *London: A. Constable & Co.*, 1906. 4 p.l., 296 p., 10 port. 8°.

Handwörterbuch der preussischen Verwaltung. In Verbindung mit...Dr. Baerecke...[and others] bearbeitet und hrsg. von Dr. von Bitter. Bd. 1. *Leipzig: Rossberg*, 1906. 4°.

Helffrich (William A.) Lebensbild aus dem Pennsylvanisch-Deutschen Predigerstand oder, Wahrheit in Licht und Schatten. *Allentown, Pa.: N. W. A. und W. U. Helffrich*, 1906. 2 p.l., 594 p., 10 pl., 3 port. 4°.

Lehmann (Hans). Die gute alte Zeit. Bilder aus dem Leben unserer Vorväter. Illustriert von H. Bachmann, A. Hoffmann, C. Leuenberger, H. Meyer-Cassel, H. und C. van Muyden. Vorwort von Bundesrat M. Ruchet. *Neuenburg: F. Zahn* [1906]. 2 p.l., 700 p., 121 pl. 4°.
Gift of the author.

Lignitz (Viktor F. W. A. von). Russland's innere Krisis. *Berlin: Voss*, 1906. viii, 252 p., 1 l. 8°.

Somerset (11. *Duke*), EDWARD ADOLPHUS SEYMOUR, and WEBB SEYMOUR. Correspondence of two brothers: Edward Adolphus, eleventh duke of Somerset, and his brother, Lord Webb Seymour, 1800 to 1819 and after. By Lady Guendolen Ramsden. *New York: Longmans, Green & Co.*, 1906. x, 1 l., 368 p., 4 pl., 3 port. 8°.

Svatek (Josef). Culturhistorische Bilder aus Böhmen. *Wien: W. Braumüller*, 1879. vi, 1 l., 311 p. 8°.

Whaley (Thomas). Buck Whaley's memoirs, including his journey to Jerusalem, written by himself in 1797 and now first published from the recently recovered manuscript. Edited, with Introduction and notes by Sir Edward Sullivan, Bart. *London: A. Mering, Ltd.*, 1906. xliv, 2 l., 359 p., 1 facsim., 4 pl., 5 port. 8°.

AFRICA.

Azan (Paul). Récite d'Afrique. Sidi-Brahim. *Paris: H. C. Lavauzelle* [1905]. 810 p., 2 l., 2 maps. 4°.
Schiff Collection.

Eckenbrecher (Margarethe von). Was Afrika mir gab und nahm. Erlebnisse einer deutschen Ansiedlerfrau in Südwestafrika...*Berlin: E. S. Mittler & Sohn*, 1907. 1 p.l., vii, (1), 242 p., 1 map, 16 p. 8°.

Engelbrechten (von). Der Krieg in Deutsch-Südwestafrika. Tl. 1. *Berlin: W. Süsserott* [1906]. 8°.
Tl. 1. Vorgeschichte. Entstehung des Aufstandes. Der Bondelzwart-Aufstand. Der Herero-Aufstand bis zu den Gefechten am Waterberg.

Vollkommer (Max). Die Quellen Bourguignon d'Anvilles für seine kritische Karte von Afrika. *München: T. Ackerman*, 1904. 4 p.l., 124 p. 8°. (Münchener geographische Studien. v. 16.)

Watson (Gilbert). The voice of the South. [The Sahara.] Illustrated by Aleardo and A. J. Engel-Terzi. *London: Hurst & Blackett, Ltd.*, 1905. vi, 1 l., 324 p., 17 pl. 8°.

ASIA, AUSTRALIA, PACIFIC ISLANDS.

Abhedânanda ( ), *swami*. India and her people. *New York: The Vedânta Society* [1906]. 2 p.l., 3–285 p., 1 port. 12°.
Gift of the Society.

Dorient (Roger). Le Japon, et la politique française. *Paris: Plon-Nourrit et Cie.*, 1906. 2 p.l., xi, 334 p., 1 l. 12°.

Fisher (Gertrude Adams). A woman alone in the heart of Japan. *Boston: L. C. Page & Co.*, 1906. x, 293 p., 29 pl., 4 ports. 8°.

Lamb (Robert). Saints and savages. The story of five years in the New Hebrides. With illustrations by J. R. Ashton. *Edinburgh: W. Blackwood & Sons*, 1905. xii, 1 l., 313, (1) p., 3 maps, 21 pl. 8°.

JEWS.

Abrahams (Israel). A short history of Jewish literature, from the fall of the temple (70 C. E.) to the era of emancipation (1786 C. E.). *London: T. Fisher Unwin*, 1906. xvi, 176 p. 8°.

Addis (William E.) Hebrew religion, to the establishment of Judaism under Ezra. *London: Williams & Norgate*, 1906. xvi, 315 (1) p. 12°. (Crown Theological Library. v. 16.)
Schiff Collection.

Begrich (Karl). Das Messiasbild des Ezechiel. Inaugural-Dissertation zur Erlangung der Doktorwürde einen hohen philospohischen Fakultät der Universität zu Tübingen. *Altenburg: Druck der Piererschen Hofbuchdruckerei* [1904]. 39 p. 8°.

Isaac (Meyer Samuel). The old guard and other addresses. (Privately printed.) *New York: Knickerbocker Press*, 1906. iii, 201 p., 1 port. 12°.

ART.

Abendschein (Albert). The secret of the old masters. *New York: D. Appleton & Co.*, 1906. x, 198 p. 16°.

Ausstellung deutscher Kunst aus der Zeit von 1775–1875 in der Königlichen Nationalgalerie Berlin, 1906. Hrsg. vom Vorstand der deutschen Jahrhundertausstellung. Auswahl der hervorragendsten Bilder, mit einleitendem Text von Hugo Tschudi. *München: Verlagsanstalt F. Bruckmann A. G.*, 1906. liii, 1 l., 236 p., 1 l., 19 pl., 6 port. f°.

Hardie (Martin). English coloured books. *London: Methuen & Co.* [1906] xxiv, 339 (1) p., 1 facsim., 27 pl. 4°. (The Connoisseur's library.)

AMERICAN AND ENGLISH LITERATURE.

Alter (James L.) Book of song poems. The Hoosier rambler...Song poems on nature of the United States, Canada, Alaska, and our island possessions. Illustrated. [*Remington, Ind.*, 1905.] 2 p.l., 7–206 p., 1 l., 2 port. 12°.

Bell (Ralcy Husted). Words of the wood. *Boston: Small, Maynard & Co.*, 1906. xi, 87. 8°.

Bradley (Andrew Cecil). Shakespearean tragedy. Lectures on Hamlet, Othello, King Lear, Macbeth. *London: Macmillan & Co.*, 1905. xi, 498 p. 2. ed. 8°.

Conrad (Joseph). The mirror of the sea. *New York: Harper & Bros.*, 1906. 3 p.l., 328 p., 1 l. 12°.

Coolidge (Susan). Last verses. *Boston: Little, Brown & Co.*, 1906. xix, 167 p. 16°.

Foreign Literature.

Bing (Just). Europas Litteratur-Historie i det 19de Aarhundrede. Grundlinier og Hovedværker. [*Köbenhavn*, 1906.] 407 (1) p., 2 l. illus. 8°.

Browne (Edward Granville). A literary history of Persia. *London: T. F. Unwin*, 1902–06. 2 v. illus. 8°. (Library of literary history.)

1, From the earliest times until Firdawsi.
2, From Firdawsi to Sa'di.

Euripides. The Medea & Hippolytus. With introduction, translations and notes by S. Waterlow. *New York: G. P. Putnam's Sons*, 1906. xviii, 206 p., 1 l., 1 port. 12°. (The Temple Greek and Latin Classics. [v. 1.])

Text in Greek and English.

Gleim (Johann Wilhelm Ludwig). Briefwechsel zwischen Gleim und Ramler. Hrsg. und erläutert von Carl Schüddekopf. Bd. 1 (1745–62). *Tübingen: Litterarisch. Verein in Stuttgart*, 1906. 8°. (Litterarischer Verein in Stuttgart Bibliothek. v. 242.)

Hesse (Hermann). Gedichte. *Berlin: G. Grote*, 1906. 4 p.l., 192 p. 12°. (Neue deutsche Lyriker. 3.)

Mathematical and Physical Sciences.

Abderhalden (Emil). Lehrbuch der physiologischen Chemie in dreissig Vorlesungen. Mit ...Figuren. *Berlin: Urban & Schwarzenberg*, 1906. vii, 787 p. 8°.

Binet (Alfred). Les révélations de l'écriture d'après un controle scientifique. Avec...figures dans le texte. *Paris: F. Alcan*, 1906. viii, 260 p. 8°.

Dreyer (John Louis Emil). History of the planetary systems from Thales to Kepler. *Cambridge: The University Press*, 1906. 2 p.l., vii–xii, 432 p. 8°.

Fischer (Emil). Untersuchungen über Aminosäuren, Polypeptide und Proteïne. (1899–1906.) *Berlin: J. Springer*, 1906. x, 1 l., 770 p., 1 l. 8°.

Gleichen (Alexander). Leitfaden der praktischen Optik. Mit...Abbildungen. *Leipzig: S. Hirzel*, 1906. viii, 221, (1) p. 8°.

Malette (J.) Chimie et physique appliquées aux travaux publics. *Paris: H. Dunod & E. Pinat*, 1906. xii, 619 p. illus. 12°. (Bibliothèque du conducteur de travaux publics.)

Biological Sciences.

Beebe (C. William). The bird, its form and function. With over three hundred...illustrations. *New York: H. Holt & Co.*, 1906. x, 1 l., 496 p., 1 pl. 8°. (American nature series. Group 2: The functions of Nature.)

Broesike (Gustav). Die Anatömie, Physiologie und Hygiene des menschlichen Körpers...gemeinverständlich dargestellt. *Leipzig: F. C. W. Vogel*, 1906. iv, 127 p., 11 col. pl. 8°.

Edinburgh.—*Board of Agriculture and Fisheries, Committee of Inquiry on grouse disease.* The grouse, being a collection of notes for the use of the local correspondents of the committee. [*Edinburgh*, 1906.] 71 p. illus. sq. 8°.

Cadwalader Collection.

Martinengo Cesaresco (Eugenio), *Count.* The psychology and training of the horse. *London: T. F. Unwin*, 1906. xv, 334 p., 1 pl. 8°.

Steell (Graham). Text book on diseases of the heart by G. Stell. With an appendix on rhe volume of blood in relation to heart disease by J. Lorrain Smith. *Manchester: the Univ. Press*, 1906. xii, 2 l., 389 p., 11 pl. illus. 12°. ([Victoria] Univ., Manchester, Eng. Pub...no. 20. No. 20 is Medical ser. no. 7.)

Philology.

Adams (John). Sermons in accents; or, Studies in the Hebrew text. A book for preachers and students. *Edinburgh: T. & T. Clark*, 1906. viii, 200 p. 12°.

Schiff Collection.

Afevork (G. J.) Grammatica della lingua amarica. Metodo practico per l'insegnamento di G. J. Afevork. *Roma: Tip. della R. Accademi dei Lincei*, 1905. 1 p.l., 326 (1) p. 8°.

Batchelor (*Rev.* John). An Ainu-English-Japanese dictionary (including a grammar of the Ainu language.) *Tokyo: The Methodist Pub. House*, 1905. 2 v. in 1. 2. ed. 8°.

Cook (Albert Stanburrough). The higher study of English. *Boston: Houghton, Mifflin & Co.*, 1906. 5 p.l., 145 (1) p. 12°.

Holroyd (William Race Morland). Hindustani for every day. *Lahore: Rai Sahib M. Gulab Singh & Sons*, 1906. 1 p.l., 324, v p. 8°.

Sociology.

Azambuja (Gabriel d'). La Grèce ancienne. Avec une préface par Edmond Demolins. *Paris: Bur. de la Sci. Soc.*, 1906. xii, 344 p. 4°. (Bibl. de la science sociale: L'hist. expliquée par la science sociale.)

Baum (Marie). Drei Klassen von Lohn arbeiterinnen in Industrie und Handel der Stadt Karlsruhe. *Karlsruhe: G. Braunsche Hofbuchdruckerei*, 1906. xi, 232 p. 8°.

Bernhard (Ludwig). Handbuch der Löhnungsmethoden. Eine Bearbeitung von David F. Schloss Methods of industrial remuneration. *Leipzig: Duncker & Humblot*, 1906. xliv, 234 p., 4 tab. 8°.

Boxall (George E.) The Anglo-Saxon. A study in evolution. *London: T. Fisher-Unwin*, 1906. viii, 331 p. 8°.

Giddings (Franklin Henry). Readings in descriptive and historical sociology. Ed. by F. H. Giddings. *New York: The Macmillan Co.*, 1906. xxiv, 553 p. 8°.

Jenks (Jeremiah Whipple). Great fortunes. The winning: the using. *New York: McClure, Phillips & Co.*, 1906. 4 p.l., 3–84 p., 1 l. 12°.

Russell (T. Baron). A hundred years hence. The expectations of an optimist. *Chicago: A. C. McClurg & Co.*, 1906. vii, 312 p. 8°.

Education.

Patton (John Shelton). Jefferson, Cabell, and the University of Virginia. *New York: The Neale Pub. Co.*, 1906. 3 p.l., v–viii, 9–380 p., 5 pl., 2 port. 8°.

Sigma Alpha Epsilon. The sixth general catalogue. Compiled during the terms of the following eminent supreme recorders, Howard P. Nash, Edward H. Virgin, William C. Levere. *Evanston, Ill.:* [*The Evanston Index Co.*] 1904. 609 p., 1 l. plate. 8°.

Yale University.—*Class of 1860.* Yale College —Yale University. Biographical record Class of Sixty 1860–1906. Orlando Beach, Class secretary. *Boston:* [*The Fort Hill Press,*] 1906. 235 p. 8°.

Economics.

Armitage-Smith (G.) Principles and methods of taxation. *London: J. Murray*, 1906. vi, 1 l., 195 (1) p. 8°.

Hirst (Francis W[rigley]). Monopolies, trusts, and kartells. *London: Methuen & Co.* [1905] viii, 179 (1) p. 12°.

Lévêque (Paul). Les conversions de dettes publiques, thèse pour le doctorat. *Paris: A. Rousseau*, 1905. vii, 242 pp. 8°.

Raper (Charles Lee). The principles of wealth and welfare. Economics for high schools. *New York: Macmillan Co.*, 1906. x, 1 l., 336 p. 12°.

Industries and Industrial Arts.

American country homes and their gardens. Edited by John Cordis Baker. Introduction by Donn Barber. *Philadelphia: The John C. Winston Co.* [1906.] 227 p., 1 pl. illus. f°.

Bayley (R. Child). The complete photographer. With over one hundred illustrations. *New York: McClure, Phillips & Co.*, 1906. xv, 410 p., 59 pl., 6 port. 8°.

Beale (Joseph Henry), *and* Bruce Wyman. The law of railroad rate regulation, with special reference to American legislation. *Boston: W. J. Nagel*, 1906. lii, 1285 p., 1 l. 8°.

Brannt (William T.) The metallic alloys. A practical guide for the manufacture of all kinds of alloys, amalgams, and solders, used by metalworkers... Ed. by W. T. Brannt. *Philadelphia: H. C. Baird & Co.*, 1896. xxvii, 527 p. New ed. 8°.

Breed (Charles B.), *and* George L. Hosmer. The principles and practice of surveying. *New York: John Wiley & Sons*, 1906. xix, 526 p. 1. ed. illus. 8°.

Buel (Albert Wells), *and* Charles Shattuck Hill. Reinforced concrete. Pt. 1. Methods of Calculation. By A. W. Buel. Pt. 2. Representative structures; Pt. 3. Method of construction. By C. S. Hill. *New York: the Engineering News Pub. Co.*, 1906. xii, 499 p., 3 diagr., 5 tab. illus. 2. ed. 8°.

Fischer (F. E.) Das Gesammtgebiet der Glasätzerei, aetzen der Tafelgläser, Hohlgläser, Beleuchtungsartikel, unter Zuhilfenahme der neuesten Druckverfahren. *Braunschweig: F. Vieweg und Sohn*, 1892. 1 p.l., ix, 77 p. illus. 8°.

Fleming (John Ambrose). The principles of electric wave telegraphy. *London: Longmans, Green & Co.*, 1906. xix (1), 671 (1) p., 8 p. illus. 8°.

Harrisburg Foundry and Machine Works. A system of engines and products of Harrisburg Foundry and Machine Works, established 1857. *Harrisburg, Pa.:* [*The Company,*] 1906. 57 p., 23 pl. sq. 12°.

Hoefer (Hans). Das Erdöl und seine Verwandten. Geschichte, physikalische und chemische Beschaffenheit, Vorkommen, Ursprung, Auffindung und Gewinnung des Erdöles. *Braunschweig: F. Vieweg & Sohn*, 1906. xvii, 279 p., 1 diagr. illus. 2. ed. 8°. (Handbuch der chemischen Technologie, N.F., Lief 14.)

Military and Naval Art and Science.

Allers (C. W.) Unsere Marine. 50 Originalzeichnungen. *Breslau: C. T. Wiskoff* [1906]. 2 p.l., 50 pl. f°.

Proudfit Collection.

Andromeda, *ship.* Log of H.M.S. Andromeda, 1904–1906, by A. C. Spooner. [*London: The Westminster Press,*] 1906. 5 p.l, 226 p., 3 l., 30 pl., 2 port. 12°. (The Log series. no. 24.)

Hoepner ( ). Der Wert unserer deutschen Schlachtflotte. Ein weiteres Wort zur Aufklärung für unser Volk, von "Hansa" (Kapitän zur See a. D. Hoepner.) *Altona: J. Harder*, 1906. 44 p. 8°.

PRINCIPAL DONORS IN DECEMBER.

	VOLS.	PMS.
Amer. Institute of Architects	1	
Amer. Philosophical Society	1	1
Amory, W. M.		1
Avery, S. P.	1	
Bahamas, Colonial Sec.	4	
Belgium, Min. de la Justice	1	
Bolivia, Min. de Justicia	1	
Breslau, Ger., Universitäts-Bibliothek	5	72
British Columbia, King's Printer	2	
Cambridge Univ. Dept. of Agriculture		13
Carnegie Institution of Washington	3	2
Chase, W. E.	1	
Cohalan, Daniel F.	7	
Crane, C. R. & Freeman, J. R.		1
Davos Public Interests Assoc.	1	
Delteil, Loys (7 prints)		
De Vinne, Theodore L.	4	
Drenthe, Netherlands, Commiss. of Province	5	
École Braille à Saint-Mandé		2
Franc, Louis		1
Gancia, Mme.	1	
Gardini, Dr. Carlo	2	
Gardner's Trust for the Blind	1	36
Gill, Mass., Town Clerk.		3
Gray, Mrs. H. W.		1
Great Indian Peninsula Ry. Co.		15
Grenada, Colonial Sec.	1	
Harris Institute Library	12	
Harrisburg, Pa., City Clerk	3	6
Heidelberg Universitäts-Bibliothek	9	
Historical Soc. of New Mexico		6
Hull Blind Institution		2
Janet, Charles		2
Jena, Ger., Universitäts-Bibliothek	10	89
Kansas Grand Lodge, I. O. O. F.	1	
Kendal, Eng., Town Clerk	2	
Kimball, James P.	2	
Königl. Georg-August-Universität zu Göttingen		4
Lamarche, Pierre		1
Lancaster County Council	24	3
Logan, Estate of Walter S.	65	5
Loubat, Duc de	1	
Lyon, France, M. le Maire	2	
Malone, Walter		1
Manitoba, King's Printer	2	
Martyn, Charles	1	
Mass. State Library	72	
Meux, Lady	2	
Middlesex County Council	3	19
Midland Institution for the Blind		2
Moran, Wm.	1	
National Bd. of Trade	5	
National Electric Light Assoc.	2	
New Brunswick, Legislative Assembly	1	
New Jersey, Custodian of the Capitol	1	
New York Produce Exchange	1	
New York State Library		15
New York State, Tompkins County Supervisors	21	
Newbury, Eng., Town Clerk	2	
Pickering, Prof. Wm. H.		1
Redeke, Ernest W.	6	75
Republican State Committee		105
Robinson, Wm.		1
Royal Leamington Spa, Eng., Town Clerk	2	1
Scientific American	76	50
Sellstedt, Lars G.	1	
Sigma Alpha Epsilon	10	
South Carolina, State Bd. of Health	3	
Steele, Rev. James D.		4
Stewart, Charles		1
Straits Settlement, Col. Sec.	1	
Swinton, Mrs. John	1	
U. S. Supt. of Documents	89	90
U. S. War Dept., Surgeon Gen. Office	14	273
Victoria University of Manchester	4	
Weymouth, Eng., Town Clerk		15
Whitney, J. Parker	1	
Worcester Polytechnic Institute	7	28
Zeeland, Neth., Sec. of the Province	4	

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

FEBRUARY 1907

VOLUME XI · NUMBER 2

REPORT FOR JANUARY	59–63
LIST OF WORKS RELATING TO VIRGINIA. PART I.	64–83
PRINCIPAL ACCESSIONS IN JANUARY	84–91
PRINCIPAL DONORS IN JANUARY	92

NEW YORK

1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)
Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
59th Street, 113 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 569 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 2933 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. FEBRUARY, 1907. No. 2.

REPORT FOR JANUARY.

REFERENCE DEPARTMENT.

During the month of January there were received at the Library by purchase, 1,017 volumes and 768 pamphlets; by gift, 1,353 volumes and 2,056 pamphlets; and by exchange, 344 volumes and 3,064 pamphlets, making a total of 2,714 volumes and 5,888 pamphlets.

There were catalogued 3,721 volumes and 2,023 pamphlets; the number of cards written was 8,039, and of slips for the copying machine 2,916; from the latter were received 13,447 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	4,697	15,844	1,486	17,330	22,027
No. of readers	2,296	15,844	1,486	17,330	19,626
No. of readers, desk applicants	1,246	15,701	1,578	17,279	18,525
No. of volumes consulted by desk applicants	7,705	77,771	4,388	82,159	89,864
Daily average of readers	88	609	57	666	754
No. of visitors to Print Exhibition, etc.	2,172				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Gouin's "Teaching and Studying Languages," Davis's "Real Soldiers of Fortune"; (adult fiction): Chambers's "Fighting Chance," McCutcheon's "Jane Cable," Hichens's "Call of the Blood"; (juvenile fiction): Pyle's "Robin Hood," Grimm's "Fairy Tales," Drysdale's "Fast Mail."

CIRCULATION STATISTICS FOR JANUARY.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	6,103	1,304	117	2,523	2,523	973
East Broadway, 197	25,190	4,120	887			197
Rivington Street, 61	20,376	10,564	607	11,916	14,762	54
Le Roy Street, 66	8,596	6,210	167	2,259	7,798	69
Bond Street, 49	9,256	1,039	318	2,597	4,226	110
8th Street. 135 Second Avenue	18,436	2,431	382	3,967	4,356	175
10th Street, 331 East	19,613	4,278	542	3,146	3,272	290
13th Street, 251 West	9,610	1,565	144	1,728	1,738	109
22d Street, 230 East	2,252	10	42			22
23d Street, 209 West	12,624	5,568	253			95
34th Street, 215 East	7,257	2,630	122			79
40th Street, 501 West	3,701		67			44
42d Street, 226 West	11,828	859	254			125
50th Street, 123 East	5,850	663	101	227	299	116
51st Street, 463 West	4,580	287	160	285	539	71
59th Street, 113 East	9,983	1,777	224	3,405	3,405	962
67th Street, 328 East	14,322	1,187	285	743	3,172	143
69th Street. 190 Amsterdam Avenue.	12,452	946	201	3,657	5,837	293
Travelling Libraries	58,519					632
77th Street. 1465 Avenue A	15,773	135	206	1,148	2,100	225
79th Street, 222 East	22,058	2,496	306	3,373	7,044	273
81st Street. 444 Amsterdam Avenue.	16,736	1,704	300	1,530	2,156	60
Blind Library	847		11			19
96th Street, 112 East	24,801	1,609	505	1,501	2,765	154
100th Street, 206 West	16,669	4,612	309	1,658	1,820	417
110th Street, 174 East	19,424	5,397	436	2,176	4,392	330
123d Street, 32 West	8,553	434	351	1,711	1,935	305
125th Street, 224 East	11,520	1,916	227	1,003	1,361	65
135th Street, 103 West	19,069	1,413	342	1,429	3,174	174
145th Street, 503 West	9,830	1,300	2,557	1,273	3,489	599
156th Street. 922 St. Nicholas Avenue.	8,733	2,706	171			101
BRONX.						
140th Street and Alexander Avenue	19,507	667	338	1,583	4,453	109
176th Street and Washington Avenue.	17,202	466	325	1,035	2,421	140
Kingsbridge Avenue, 2933	2,099	1,972	29			65
RICHMOND.						
Tottenville	2,766	979	40			60
Port Richmond	6,579	763	100	680	801	167
TOTALS	482,714	74,007	11,426	56,553	89,838	7,822

Among the gifts received during the month may be mentioned those from Charles Francis Adams, "Some phases of the Civil War, an appreciation and criticism of Mr. James Ford Rhode's Fifth Volume," Cambridge, 1905, and "Lee's Centennial, an address by Charles F. Adams, delivered at Lexington, Virginia, January 19, 1907, on the invitation of the President and Faculty of Washington and Lee University"; from the American Bureau of Shipping its "Record of American and Foreign Shipping," with supplement, 1907; from Edwin S. Balch, a copy of his "Comparative Art," Philadelphia, 1906; from the Bibliothèque Nationale, Volume 2 of the "Catalogue de l'Histoire de l'Amérique, par George A. Barringer," Paris, 1905; from Prof. John W. Burgess, a copy of his address as Roosevelt Professor at the University of Berlin, 1906; from the Carnegie Foundation for the Advancement of Teaching, the first annual report of the president and treasurer, 1906; from the Coal Trade Journal, 8 volumes of its Annual; from John W. Evans, 77 artist's proofs of his wood engravings; from the Province of Burma, India, 5 volumes and 36 pamphlets, chiefly Selected Judgments of the Court of the Judicial Commissioner, Upper Burma, Upper Burma Rulings, etc.; from the County Council of the Isle of Wight, 3 volumes, 16 pamphlets, and 4 broadsides, mainly Minutes of the County Council, Abstract of Accounts, etc.; from the University of Göttingen, 47 volumes and 366 pamphlets, dissertations submitted for degrees during the period 1903–4 to 1905–6; from Nicholas Krukaff, his "Australia, Agriculture in Australia in connection with the general development of the country," Moscow, 1906 (in Russian); from Joseph Leete, a copy of "The family of Leete," by Joseph Leete, 2nd edition, London, 1906; from William Miller, 4 wood blocks and 1 electro of engravings by the late Frederick Juengling, also a large number of manuscripts; from J. Pierpont Morgan, catalogues of ten special collections in his library; from the National Slavonic Society of the U. S. A., Thomas Capek's "The Slovaks of Hungary, Slavs and Panslavism," New York, 1906; from John Hyndman Noblit, his privately printed "Genealogical collections relating to the families of Noblet, Noblat, Noblot and Noblets of France * * * with some particular account of William Noblit," Philadelphia, 1906; from M. Paupa Rao Naidu, Madras, his "The criminal tribes of India, No. 2, the history of Korawars, Erukulas or Kaikaries," Madras, 1905; from the Salop County Council, 16 volumes and 18 pamphlets, including Shropshire Parish Documents, Shropshire County Records, Abstract of accounts, etc.; from Dr. J. Six van Hillegom, 1 pamphlet and 1 print, the latter being an engraving by Pieter Dupont of Paul Potter's portrait of Dirk Tulp; from the Riksgäldskontoret, Sweden, 232 volumes, the Riksdagens Protokoll and the Bihang for 1868–1906; from Mrs. Frederic Ferris Thompson, 315 volumes, relating mainly to folk lore; and from Torquay, 1 volume and 15 pamphlets, all documents of the borough.

At the Lenox branch the selection from the A. A. Hopkins Collection of photographs of Italian paintings remained on view. On the lower floor, the Lalauze etchings were replaced on January 11th by an exhibition of the etchings of the late Dr. Leroy Milton Yale, who was closely connected with the history of painter-etching in this country, and who took a warm and active interest in our print department, especially in the effort to form a representative collection of American work. The exhibition includes a number of plates and etching tools

which, with all our specimens of his work, and a manuscript catalogue, were presented by the artist.

At the ASTOR branch the plates from the "Etcher" were replaced by plates from F. R. Martin's "History of Oriental Carpets before 1800." F. Hopkinson Smith's "Venice of to-day" remained on exhibition.

The exhibitions at the circulation branches were as follows: CHATHAM SQUARE, Racinet's Costumes after the XVIth century; RIVINGTON STREET, Reproductions of paintings by modern artists; HUDSON PARK, Hollyer's Etchings of New York City; TOMPKINS SQUARE, Color plates of birds; MUHLENBERG, Presidents of the United States; 67TH STREET, Masterpieces of art at Paris Exposition of 1900; RIVERSIDE, Racinet's Costume to XVIth century; ST. AGNES, Color plates from Audsley's "Ornamental arts of Japan," and photographic views in Japan; 96TH STREET, Plates from the Wilkie gallery; AGUILAR, Exhibition of architecture, sculpture, and views; 125TH STREET, Color plates of animals; 135TH STREET, Reproductions of paintings in the Dresden Gallery; HAMILTON GRANGE, Plates from Molinier's "Royal Interiors;" MOTT HAVEN, Reproductions of paintings by old masters; TREMONT, Photographic views in the Island of Luzon.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows:

EAST BROADWAY, Animals, wild and tame, Birthdays of celebrated men and women, Music and musicians, Opera scores; RIVINGTON STREET, Board of Education lectures, Shakespeare, Siegfried; BOND STREET, Chivalry, Roma Immortalis, Julius Cæsar, China, Sugar where and how we get it, Songs, Rhine and Heidelberg, Growth of a great city, Imperial Berlin; OTTENDORFER, Yellowstone Park, Alaska, When we keep house; TOMPKINS SQUARE, Board of Education ectures, Civil war from the southern point of view, Henry W. Longfellow; JACKSON SQUARE, Economics, Far East, Four American statesmen, Money; MUHLENBERG, Songs, Jean d'Arc, Richelieu, Mexico, Cuba, Jamaica, Panama Canal; 34TH STREET, Little cousin series, Indians; BRUCE, School and College stories, Goop panels, Manhatttan old and new; SACRED HEART, Popular Authors, Wasps and their nests; 67TH STREET, Goops, Little housekeepers, Little bread-makers; RIVERSIDE, Foreign children, Animal friends, Indians, Babyhood, Sea stories, English and French literature; YORKVILLE, Books for little folks; ST. AGNES, The opera, Fairy tales; 96TH STREET, Books about children, Greek heroes, Bed-time stories; BLOOMINGDALE, Animal pictures, Charge of the Light Brigade, Making and raising of cocoa, Flags of the world; AGUILAR, Songs and song writers, The Riviera, Greece, Naples and Vesuvius, Alexander Hamilton, Sicily, Holland, Charles Dickens, Turkey and the Turks, France, her people and her art, Progress of the telegraph, Photography, Petroleum, New York, Morocco and Southern Spain, Algiers and Algeria; 125TH STREET, Printing and paper making, Polar exploration, Stories of the opera; HAMILTON GRANGE, Indians, Candy country; MOTT HAVEN, Lincoln, Longfellow, Washington, Books for boys and girls, Some notable people and books about them; TREMONT, Fairy tales, Open squares of the people, Winter poems, Palaces of the Renaissance, Architecture; PORT RICHMOND, New Year's Day, Africa, Mines and miners, Games, The opera.

In addition there were bulletins on new books at four branches; on Japan at

four branches; on music at three branches; on Benjamin Franklin at three branches, and on William McKinley at two branches.

The second branch of the New York Public Library on Washington Heights, to be known as the HAMILTON GRANGE Branch, was opened on January 8 in a new building (the twentieth erected from the Carnegie fund) at 503 West 145th Street, near Amsterdam Avenue. At the formal exercises, which were held at four o'clock in the afternoon in the large assembly room on the basement floor, the whole building was open for inspection, but the work of the branch was not resumed until the following morning, Wednesday, January 9, at nine o'clock.

At the opening Dr. Billings, Director of the Library, acted as presiding officer. He received the building from Archbishop Farley, representing the Board of Trustees of the New York Public Library, and at once turned it over again to the library for administration. An address was also made by Rev. Dr. Joseph H. McMahon, of the Circulation Committee. Music was furnished by the Glee Club of Public School 186, by Our Lady of Lourdes Girls' High School, and by Miss Clara J. Smith.

The branch that occupies this new building was formerly the headquarters of the Cathedral Free Circulating Library, and was located for some time on the corner of Amsterdam Avenue and 86th Street. Its place in that neighborhood will be taken by the new branch opened last March at 444 Amsterdam Avenue, near 82d Street.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO VIRGINIA.

Order of Arrangement:

BIBLIOGRAPHY.
PERIODICALS.
PUBLIC DOCUMENTS.
MANUSCRIPTS.
HISTORY:
GENERAL WORKS.
MISCELLANY.
HISTORY (continued):
WORKS RELATING TO SINGLE PERIODS.
GENEALOGIES.
LOCAL HISTORY.
BOUNDARIES.

PART I.

BIBLIOGRAPHY.

Confederate Memorial Literary Society. Catalogue of the Confederate Museum... Richmond, Vir. *Richmond: Ware & Duke, Print*, 1905. 300 p. 8°.

Phillips (P. Lee). Virginia cartography: a bibliographical description. *Washington: Smithsonian Inst.*, 1896. 85 p. 8°. (Smith. misc. coll., 1039.)

Randolph (Joseph W.) *and* JOSEPH J. ENGLISH. Virginia and Washington. A catalogue of many rare and valuable books. *Richmond, Va.: the publishers*, 1889. 30 p. 12°.

Stanard (William G.) The Virginia archives. (Amer. Hist. Assoc. Annual rept. for 1903. v. 1, p. 645–664. *Washington, D. C.*, 1904.)

Virginia Historical Society. Catalogue of the Manuscripts in the Collection of the V. H. S., and also of some printed papers. (Supplement to the Virginia Mag. of History. *Richmond*, 1901. 2 p.l., 120 p. 8°.)

Virginia newspapers in public libraries. Annotated list of Virginia newspapers in the Virginia state library. (Virginia Maga. of Hist. and Biog., v. 9, p. 1–11; 130–138; 289–297; 411–413; v. 10, p. 225–229; 421–423. *Richmond*, 1901–03.)

Virginia State Library. A catalogue of the library of the State of Virginia, arranged alphabetically...to which are prefixed the rules and regulations provided for the government of the library. *Richmond*, 1856. 270 p. 8°.

—— Calendar of Transcripts, including the annual report of the Department of Archives and History. John P. Kennedy, state librarian. *Richmond: Davis Bottom, Supt. Public Printing*, 1905. 658, lxiv p. 4°.

PERIODICALS.

Business directory of the principal cities and villages of Virginia. 1873/4. Fitzgerald & Dillon, compilers. [*Richmond*, 1873.] 8°.

Chataigne's Virginia gazetteer and classified business directory, 1877/78, 1880/81, 1884/85, 1888/89, 1890/91. *Richmond*, 1877–90. 8°.

Crisis (The). Vol. 1, Nos. 1–35, Mch.–Oct., 1840. *Richmond*, 1840. f°.
Weekly.

Critic (The). A Monday morning newspaper. General and society news, genealogy and literature. Vol. 1, no. 30, 41, 44–52 (1888); Vol. 2, no. 1–15, 17–20, 25, 27–37, 40, 44, 46–52 (1888–89); Vol. 3, no. 2, 4–26 (1889–90). *Richmond*, 1888–90. f°.

Daily Compiler. June 1, 1813; July 19, 1816. *Richmond*, 1813–16. f°.

Daily Dispatch.

Jan.–June, Aug.–Dec.	1861.	123 Nos.
Jan.–Mch., July, Oct.	1862.	20 "
June 9 (extras June 23, July 9).	1863.	3 "
June–Sept., Nov.	1864.	11 "
Jan.–Apr.	1865.	4 "
June 28 and July 6.	1867.	2 "

Richmond: Cowardin & Hammersley, 1861–67. f°.

Daily Enquirer and Examiner. *See* **Enquirer** (The).

Daily Express.

July 29, Aug. 1.	1861.	2 Nos.
Jan.–Dec.	1862.	267 "
Jan., Feb., Apr.–Dec.	1863.	239 "
Jan.	1864.	18 "

Petersburg, 1861–64. f°.

Daily Republican.

Vol. 8, no. 87, Oct. 15. 1864.
Vol. 28, no. 59, Mch. 10. 1867.

Lynchburg: Glass & Hardwicke. f°.

Daily Richmond Enquirer. *See* **Enquirer** (The).

Daily Richmond Examiner.

Sept.–Dec.	1862.
Jan.–Dec.	1863.
Jan.–Dec.	1864.
Feb. 16, 18, 28.	1865.
May–July.	1867.

Richmond, 1862–67. f°.
In May, 1864, title changed to Richmond Examiner.

Day Book. Vol. 9, no. 35, Nov. 11, 1861; no. 186, May 10, 1862. *Norfolk: John R. Hathaway.* f°.
Daily.

Enquirer (The). 1804–06, 1809, 1812–13.
Continued as "Richmond Enquirer."
1818–44, 1862–65.
Continued as Daily Richmond Enquirer.
1866–July, 1867.
Continued Daily Enquirer and Examiner.
1867, Aug. 14, Sept, 30.

Richmond, 1804–67. f°.
Daily.

Periodicals, cont'd.

Evening Courier. Feb. 25, 1865. *Richmond*, 1865. f°.
Daily.

Evening Whig. *See* **Richmond** Whig.

Family Visitor. v. 3–4, Apr. 10, 1824–Apr. 1, 1826. *Richmond*, 1824–26. f°.
Weekly.

Farmers' Repository. Apr., June, Sept.–Dec., 1814. 13 Nos. *Charlestown*, 1814.

Grant's Petersburg Progress. Apr. 5, 7, 10, 1865. *Petersburg*. f°.
Weekly.

Hornet (The). Apr. 11, 30, 1823. *Richmond*, 1823. f°.
Weekly.

INDEPENDENT Chronicle. The first newspaper published in Richmond, Va. The Independent Chronicle, beginning July 20th, 1786. *Richmond*, 1888. 1 p.l., 4 p. 8°.
Mounted clippings from the Richmond *Critic*, Feb. 13, 1888.

John P. Branch historical papers of Randolph-Macon College. Published annually by the Department of history. no. 1–4; v. 2, no. 1–2. *Richmond*, 1901–06. 8°.
no. 1 pub. by the Randolph-Macon Historical Soc.
Current.

Lower Norfolk County, Virginia, Antiquary. v. 1–v. 5, no. 2. *Baltimore* [1895–]1905. 8°.
v. 1, pts. 1–3 published at Richmond.

Petersburg Intelligencer (The). June 20, 1800. *Petersburg*, 1800. f°.
Semi-Weekly.

Petersburg Index (The). Sept. 12, 1867. *Petersburg*, 1867. f°.
Daily.

Phœnix Plough-Boy. July 23, 1828. *Williamsburg*, 1828. f°.
Weekly.

Randolph-Macon College. *See* **John P. Branch** historical papers.

Record of News, History, and Literature.
June–Dec. 1863. 26 Nos.
Richmond: West & Johnston. f°.
Weekly.

Republican (The). May 3, 1809. *Petersburg*. f°.

Richmond Enquirer. *See* **Enquirer** (The).

Richmond Standard. v. 2–4. Aug. 1879–Feb., 1882. *Richmond: G. Watson James*. f°.
Weekly.

Richmond Times.
April–Dec., 1866.
Jan.–June, 1867.
Richmond, 1866–7. f°.
Daily.

Richmond Whig. [Morning edition.]
Aug. 22, Sept. 22 (both extras) 1863.
May–June, Aug.–Dec., 1864.
Feb 14, 27, 1865.
Continued as:

Daily Richmond Whig.
March, June–Nov., 1865.
Richmond, 1863–5. f°.

Richmond Whig. [Evening edition.]
July–Sept. 1864. 10 nos.
Continued as:

Evening Whig.
Oct. 6, 7, 1864.
March 18, 1865.
Richmond, 1864–5. f°.
Daily.

Sentinel (The).
June 20, 23. July 6, 7. (Extras) 1863. 4 nos.
June, Aug.–Dec., 1864. 15 nos.
March 14, 20, 1865. 2 nos.
Richmond, 1863–5. f°.
Daily.

Southern Illustrated News. Sept., 1862–Oct., 1864. *Richmond: Ayres & Wade*, 1862–4. f°.
Weekly.

Southern Opinion. Vol. 2, no. 75, Dec. 5, 1868. *Richmond*, 1868. f°.

Times (The) and District of Columbia Daily Advertiser, Sept. 23, 1801. *Alexandria*, 1801. f°.
Daily.

Virginia (The) Almanack, for the years 1753, 1772, 1776, 1777, 1792, 1793. *Williamsburg: Printed and Sold by William Hunter*. 12°, 16°, 32°.
1776–7 by David Rittenhouse, 1792 by Robert Andrews.
1772 printed by W. Rind.
1776–7 printed by J. Dixon and W. Hunter.
1792 printed by Augustine Davis at Richmond.
1793 printed by W. Prentis at Petersburg.

Virginia Argus.
Jan. 10, 1809.
Jan. 2–Dec. 28, 1810.
Jan. 2–Dec. 31, 1812.
Jan. 4–Dec. 30, 1813.
Jan. 6–Sept. 28, 1814.
Richmond: Samuel Pleasants, 1809–1814. f°.
Semi-weekly.

Virginia Gazette. Dec, 7, 1739. no 175. *Williamsburg: William Parks*. f°.

Virginia Gazette. Feb.–Dec., 1751 (44 nos.), Jan.–Dec., 1752 (50 nos.) *Williamsburg: William Hunter*, 1751–2. f°.

Virginia Gazette. Feb. 12, 1762 (no. 579). *Williamsburg: J. Royle & Co.* f°.

Virginia Gazette. Jan.–Dec., 1775 (52 nos.) *Williamsburg: Wm. Dixon & Hunter*. f°.

Virginia Gazette. Feb. 2, 9, 1775. *Williamsburg: John Pinckney*. f°.
Weekly.

Virginia Gazette. Oct. 13, 1775. *Williamsburg: Alexander Purdie*. f°.
Weekly.

Virginia Gazette. Sept. 21, Oct. 4, Nov. 1, 1776. *Williamsburg: Dixon & Hunter*. f°.
Weekly.

Virginia Gazette. Jan. 8–Aug. 9, 1780. 25 nos. *Williamsburg & Richmond: Dixon & Nicolson*. f°.
Weekly. Removed to Richmond some time between the issues of April 8 (no. 61), and May 9 (no. 62).

Virginia Gazette, or the American Advertiser. Jan.–May., 1782. 9 nos. *Richmond: James Hayes*. f°.

Virginia Gazette and Alexandria Advertiser. Vol. 4, no. 214. Aug. 29, 1793. *Alexandria*, 1793. f°.

Periodicals, cont'd.

Virginia Herald and Fredericksburg Advertiser (Timothy Green & Co.).
Jan. 15, 1789. 1 no.
Continued as:

Virginia Herald.
Oct. 23, 1798. 1 no.
Apl. 20, 1811. 1 no.
Fredericksburg: Timothy Green & Co. f°.

Virginia Herald. Vol. 75, no. 38, May 10, 1861. *Fredericksburg: Harrison Kelly.* f°.
Semi-weekly.

Virginia historical register (The) [annual]... edited by William Maxwell...1848–1853. *Richmond: Macfarlane & Ferguson*, 1848–53. 6 v. in 3. 8°.
v. 1–2 title reads: Virginia historical register and literary adviser; 3-4, Virginia historical register and literary note-book; 5–6, Virginia historical register and literary companion.

Virginia Historical Reporter. See **Virginia** Historical Society.

Virginia Historical Society.

WYNNE (T. H.) Bibliography of the Society. (Historical Magazine. 2. ser., v. 7, p. 340–341. *New York*, 1870.)

COLLECTIONS of the Virginia Historical and Philosophical Society, to which is prefixed an address, spoken before the society at an adjourned... meeting,...Feb. 4, 1833. By Jonathan P. Cushing...vol. 1. *Richmond: the Society*, 1833. 85 p., 1 l. 8°.

COLLECTIONS...New Series, v. 1–11. *Richmond: the Society*, 1882–1892. 4°.
v. 1–2, Spotswood letters.
v. 3–4, Dinwiddie Papers (1751–1758).
v. 5, Huguenot emigration to Virginia.
v. 6, Miscellaneous Papers, 1672–1865.
v. 7–8, Virginia Company, 1619–1624.
v. 9–10, Virginia Convention, 1788.
v. 11, Proceedings, 1891, Historical Papers.

PUBLICATIONS. New series. no. 1. *Richmond: the Society*, 1874. 71 p. sq. 4°.
Contains letters of Governor Thomas Nelson, jr.

VIRGINIA (The) Historical Reporter. Conducted by the executive committee of the Virginia Historical Society. v. 1–2. *Richmond*, 1854–60. 8°.
v. 1 in 3 parts, 2 in 1 part. No more published.

VIRGINIA Magazine of History and Biography. Published quarterly by the Virginia Historical Society. v. 1 (1892)–date. *Richmond*, 1892–date. 8°.

ROBINSON (Conway). Account of discoveries in the West until 1519, and of voyages to and along the Atlantic Coast of North America from 1520 to 1573. *Richmond*, 1848. xv, 491 p. 8°.

MACFARLAND (William H.) An address on the life, character and public services of the late Hon. Benjamin Watkins Leigh, delivered before the Virginia Historical Society, at its late annual meeting. January, 1851. *Richmond: the Society*, 1851. 12 p. 8°.

WASHINGTON (H. A.) The Virginia Constitution of 1776. A discourse delivered before the Virginia Historical Society, at their annual meeting, Jan. 17th, 1852. *Richmond: the Society*, 1852. 51 p. 8°.

GRIGSBY (Hugh Blair). The Virginia Convention of 1829–30. A discourse delivered before the Virginia Historical Society, at their annual meeting, held in the Athenæum, in the City of Richmond, Dec. 15, 1853. *Richmond: the Society*, 1854. 104 p. 8°.

HUNTER (Robert Mercer Taliaferro). Observations on the history of Virginia...delivered before the Virginia Historical Society, at their eighth annual meeting, December 14, 1854. *Richmond: Clemmitt & Fore, pr.*, 1855. 48 p. 8°.
Also in the Virginia Historical Reporter.

HOLCOMBE (James P.) Sketches of the political issues and controversies of the Revolution: a discourse delivered before the Virginia Historical Society, at their ninth annual meeting, Jan. 17, 1856. *Richmond: the Society*, 1856. 63 p. 8°.

WASHINGTON (George). The diary of George Washington, from 1789 to 1791; embracing the opening of the First Congress, and his tours through New England, Long Island, and the Southern States. Together with his journal of a tour to the Ohio in 1753. Edited by B. J. Lossing. *Richmond: Press of Historical Society*, 1861. 248 p. 8°.

ORGANIZATION of the...Society, officers and members, with a list of its publications. *Richmond, Va.: the Society*, 1881. 12, 1 l., 13–22 p., 1 l. 8°.

PROCEEDINGS ..at the annual meeting, Feb. 24, 1882, with the address of William Wirt Henry: the settlement at Jamestown, with particular reference to the late attacks upon Captain John Smith, Pocahontas and John Rolfe. *Richmond, Va.: the Society*, 1882. 63 p. 8°.

SLAUGHTER (Philip). Address at the annual meeting of the Historical Society of Virginia, in the capital at Richmond, in January, 1850. Reported and printed for the society by its secretary, William Maxwell, LL.D. *Richmond: W. Ellis Jones*, 1888. sq. 8°.

STUART (Alexander H. H.) A narrative of the leading incidents of the organization of the first popular movement in Virginia in 1865 to reestablish peaceful relations between the Northern and Southern States, and of the subsequent efforts of the "Committee of Nine," in 1869, to secure the restoration of Virginia to the Union. *Richmond*, 1888. 72 p. 8°.

HENNEMAN (J. B.) Historic elements in Virginia education and literary effort. A paper read before the Society, December 21, 1891. [*Richmond*, 1892.] 22 p. 8°.
Reprinted from Virginia Historical Collections, v. 11 (1892).

PROCEEDINGS...at the annual meeting, held December 21–22, 1891, with historical papers read on the occasion, and others edited by R. A. Brock. *Richmond, Virginia: The Society*, 1892. xix p., 1 l., 3–386 p. 4°. (Collections. v. 11.)

ORGANIZATION and list of publications of the Virginia Historical Society. *Richmond* [1894]. 7 p. 8°.

SOUVENIR guide book to the building of the... society, the war residence of Gen. Robert E. Lee, 707 E. Franklin Street, Richmond, Virginia. [*Richmond*, 1896?] 4 l. 8°.

ILLUSTRATED (An) description of some of the pictures, relics, and curios in the Virginia Historical Society's building, Richmond, Virginia. [*Richmond*, 1897?] 3 l. 8°.

Periodicals, cont'd.

PROCEEDINGS of the Virginia Historical Society, at its annual meeting, held in the Y. M. C. A. Association Hall, December 18, 1903, with the list of officers and members of the society. *Richmond: W. Ellis Jones*, 1903. xxv p. 8°. (Va. Mag. of Hist. and Biog., vol. 11, p. 1–xxv. 1904.)

Virginia Journal, and Alexandria Advertiser. Vol. 3, No. 139. Sept. 28, 1786. *Alexandria: G. Richards & Co.* f°.

Virginia Magazine of History and Biography. *See* **Virginia** Historical Society.

Virginia State Bar Association. Report of the 9, 11 annual meeting... Aug., 1897, 1899. Edited by E. C. Massie. *Richmond*, 1897–99. 2 v. 8vo.

BLACKFORD (Charles M.) The Virginia State Bar Association. Paper entitled: "The trials and trial of Jefferson Davis," read...at the twelfth annual meeting...at Old Point Comfort, Virginia, July...1900. *Richmond: J. T. West*, 1900. 46 p. 8°.

HOAR (George Frisbie). The Virginia State Bar Association. Annual address..."Relation of the American Bar to the state." Delivered at the tenth annual meeting held at...Fort Monroe, Virginia, July 5, 6 and 7, 1898. *Richmond: The Williams Co.*, 1898. 30 p., 1 port. 8°.

Virginias, The; a mining, industrial, and scientific journal, devoted to the development of Virginia and West Virginia; edited and published by Jed. Hotchkiss; Vol. 1., 1880. *Staunton*, 1880–[81]. ill. maps. f°.

Washington and Lee University. Historical papers. no. 1–3 (1890–1892). *Baltimore*, 1890–92. 8°.

William and Mary College Quarterly Historical Magazine. v. 1–date. *Williamsburg*, 1892–date. 4°.

Current: With supplement for Oct., 1897, v. 6, no. 2. Title-page of v. 1–2: "William and Mary College Quarterly, Historical Papers."

PUBLIC DOCUMENTS AND OFFICIAL PUBLICATIONS.

An analysis of the Collected Documents of Virginia has been made for the Carnegie Institution of Washington and the results will appear in one of its publications, probably in the autumn of 1907.

Adjutant General's Office.

Annual Report, 1897/9, 99/1900, 1900/01–1901/2, 1903/4. *Richmond*, 1899–1904. 8°.

—— Same, 1846/7–1855/6, 1859/60–1863, 1866, 1873–74, 1876, 1879–81, 1883–1903. (In: Journals and ann. repts.)

Agricultural Experiment Station.

Annual report, 1891/2, 92/3, 96/7, 99/1900–1900/01, 1902/3–1903/4. *Richmond, Roanoke*, 1893–1905. 8°.

Bulletins. Old series, nos. 2, 9–11. New series, 12–16, 18–19, 21–32, 34–38, 40–45, 50–52, 54–56, 61–63, 73, 77–78, 80–83, 88–90, 105–132, 137–162. *Lynchburg*, 1889–1904. 8°.

Agriculture, Department of.

Annual reports of the commissioner, nos. 3–7 (1879–1884). *Richmond*, 1879–84. 8°.

Continued as;

Annual report of the State Board. nos. [1]3–4, 6–9 (1888, 1890–91, 1893–96). *Richmond*, 1888–96. 8°.

Continued as:

Annual report of the Commissioner. no. 24 (1902). *Richmond*, 1902. 8°.

Continued as:

Report of the Department. no. 26–27 (1904–5). *Richmond*, 1905. 8°.

Attorney General's Office.

Annual report of the attorney general, 1836–1839, 1852–58, 1860–61, 1866, 1873–74, 1876–1904. *n.t.-p. Richmond*, 1836–1904. 8°. (In: House jols. and Annual reports.)

Auditor of Public Accounts, Office of.

Annual report of the Auditor, 1860/1, 1863/4–64/5, 1871/2–73/4, 1875/6, 1877/8, 1883/5, 1890/1, 1892/3–98/9, 1900/01–1903/4. *Richmond*, 1861–1904. 8°.

—— Same, 1820, 1823, 1838–1904. (In: Journals and Annual Reports.)

Report of the second auditor on the condition of the public debt of Va. and the literary fund, 1871, 1873–75, 1888–89, 1892, 1894–1900. *Richmond*, 1871–1900. 8°.

—— Same, 1844–55, 1859–61, 1871, 1873–74, 1876–1904. (In: Senate Journals and Annual Reports.)

Reports of Life Insurance Companies. 1893–1900. [*Richmond*,] 1893–1900. 8°.

Financial statement and suggestions relative to defects in the revenue laws. n. p. [1860] 104 p. 8°.

Muster rolls of the Virginia militia in the war of 1812, being a supplement to the pay rolls printed and distributed in 1851. Copied from rolls in the Auditor's Office at Richmond. *Richmond: W. F. Ritchie, public printer*, 1852. xiv, 858 p. 8°.

Climate and Crop Service.

Report, monthly, v. 8–16 (1898–1906). *Richmond*, 1898–1906. 8°.

Constitution.

See *Bulletin* of the N. Y. P. L., v. 8, p. 195–6, and the chronological arrangement below.

Corporation Commission.

Annual report. no. 1–2 (1903–4). *Richmond*, 1904–1905. 8°.

Virginia corporation law. Constitutional provisions and statutes of Virginia relating to issuing, amending and taxing charters of corporations ...*Richmond: J. H. O'Bannon*, 1905. 71 p. 8°.

Council.

Virginia Council and General Court Records, 1640–1641. (From "Robinson's notes," Virginia Historical Society Collection.) (Virginia Mag. of Hist. and Biog., vol. 11, p. 277–284. *Richmond*, 1904.)

Public Documents, cont'd.

Journals of the Council of Virginia in executive sessions, 1737–1763. (Virginia Mag. of Hist. and Biog. v. 14, p. 1–35. 1906.)

Courts.

Reports of cases determined in the General Court of Virginia. From 1730, to 1740; and from 1768 to 1772. By Thomas Jefferson. *Charlottesville: F. Carr & Co.*, 1829. viii, 145 p. 8°.

Decisions of cases in Virginia by the High Court of Chancery, with remarks upon decrees by the Court of Appeals reversing some of those decisions. *Richmond: T. Nicholson*, 1795. 166 p., 1 l. f°.

Reports of cases argued and determined in the Court of Appeals and in General Court of Virginia. 1790–1860. *Richmond, etc.* 1798–1860. 8°.

Reporters:
Bushrod Washington. 1790–1796. 2 v. *Richmond*, 1798–1799.
W. W. Hening and W. Munford. 1806–1810. 4 v. *Flatbush and New York*, 1809–1811.
W. Munford. 1810–1820. 6 v. *New York, Fredericksburg, Richmond*, 1812–21.
Peyton Randolph. 1821–1828. 6 v. *Richmond*, 1823–29.
B. W. Leigh. 1829–1842. 12 v. *Richmond*, 1854–7, 1834–44.
Conway Robinson. 1842–1843. 2 v. *Richmond*, 1843–4.
Peachy R. Grattan. 1844–60. 15 v. *Richmond*, 1845–60.

MUNFORD (William). General index to the Virginian law authorities, reported by Washington, Call, Hening, and Munford, jointly, and Munford separately. With notes. *Richmond: John Warrock*, 1819. xi, 576 p. 8°.

Entomologist and Plant Pathologist, Office of.

Report on the San José scale and administration of the crop pest law. no. 5 (1903/5). *Richmond*, 1906. 8°.

Fish Commission.

Annual report of the commissioners, 1875–79, 1881, 1884/5, 1887/8–1889, 1891–92, 1894, 1900–1904. *Richmond*, 1875–1904. (In: Annual Reports.)

—— Same, separate, 1875, 1877–79, 1882–83. *Richmond*, 1875–1884. 8°.

—— Same, reprinted, 1–2. 1875/6–1876/7. *Richmond*, 1877. 75 pp. 8°.

General Assembly.

Virginia legislative documents [forming the records of the General Assembly of Virginia, 1764, '65, '70, '74, '75]. (Virginia Mag. of Hist. and Biog. v. 9, p. 353–368; v. 10, p. 1–16; v. 12, p. 417–424; v. 13, p. 36–59, 411–424; v. 14, p. 50–79. *Richmond*, 1902–1906.)

Annual reports of officers, 1846/7–1853/4, 1855/6–1857/8, 1859/60, 1866, 1871–1904. *Richmond*, 1847–1905. 8°.

Manual of the Senate and House of Delegates, 1891/2–1901/02. *Richmond*, 1891–1902. 24°.

Geological Survey.

Bulletins, no. 1–3. *Richmond*, 1905–1906. 8°.

Governor.

Annual message, 1861–62, 1864, 1865; Dec., July, 1866; 1870–'72, 1874–'77, 1881, 1887, 1891, 1895–96, 1902, 1904. *Richmond*, 1861–1904. 8°.

—— Same, 1810–1904. (In: Senate and House journals and ann. reports.)

Inaugural addresses, 1856, 1874, 1898, 1902. *Richmond*, 1856–1902. 8°.

—— Same, 1816, 1820, 1848, 1864, 1870, 1882, 1897, 1901–1902. (In: House and Senate journals.)

A list of commissioners [in other states, &c., appointed by the executive of Virginia, and appearing to be in office on the 31. day of December, 1857, with dates of appointment and residence of each commissioner]. *n. t.-p.* [1857?] 7 pp. 8°.

—— Same. [Commissioners appointed during 1858 and 1859.] n. p. [1860?] 8 pp. 8°. (Doc. 36. 1860?)

Message of the Governor, vetoing Senate bill no. 27, to ratify and confirm the consolidation of the Richmond and Southwestern Railway Company with the Virginia, Kentucky and Ohio Narrow Gauge Railroad Company, under the name and style of the Richmond and Louisville Railroad Company. *n. t.-p.* [1882] 3 p. 8°.

Special message of the governor of Virginia to the general assembly relative to oysters. (In: Virginia. Governor. Message... December 2, 1891. *Richmond*, 1891. 8°. pp. 41–63.)

Proclamation, Thanksgiving Day. November 26, 1903. 2 l. 4°.

Health Board.

Annual report, 1871/2. *Richmond*, 1872. 8°.

—— Same, 1874. (In: Annual Reports.)

House of Burgesses.

Journal of the House of Burgesses [Feb. 10–Apr. 11, 1772]. [Colophon: *Williamsburg: Printed by W. Rind*, 1772.] 164 p. f°.

Journals of House of Burgesses of Virginia, 1770–1772, 1773–1776. Edited by John Pendleton Kennedy. *Richmond*, 1906–1905. 2 v. f°.

1773/6 contains records of the Committee of Correspondence as well as Journals of the Burgesses.

House of Delegates.

Journal, 1776–1790, 1792, 1797/8, 1810/1, 1812/13, 1814/5, 1836/7, 1838–1857/8, 1859/60–1904. *Richmond*, 1776–1904. f° and 8°.

Immigration Board.

Annual report, 1866, 1869, 1875–1877. *n. t.-p.* (In: Sen. and House jols. 1867–1877.)

Labor and Industrial Statistics Bureau.

Annual report, no. 1, 3–8 (1898/9, 1900–1905). *Richmond*, 1899–1905. 8°.

—— Same, 1–7 (1898/9–1904). (In: Annual Reports, 1899–1904).

Penitentiary.

Annual report of the Board of Directors, 1875, 1877, 1879, 1881, 1883, 1888, 1890–92, 1894–99, 1901–1905. *Richmond*, 1875–1905. 8°.

—— Same, 1812–62, 1866, 1873, 1876–1904. (In: House and Senate Journals and Annual Reports.)

Public Documents, cont'd.

Public Instruction Department.

Annual report of the Superintendent. nos. 1–5, 7–21 (1871–5, 1877–1891). *Richmond*, 1871–91. 8°.

Continued as:

Biennial report, 1892/3–1896/7, 1900/1–1904/5. *Richmond*, 1893–1905. 8°.

—— Same, 1871, 1873–4, 1876–99. (In: Annual Reports.)

Text-books for the primary and grammar grades of the public schools of Virginia, adopted June 24th, 1904. Regulations of the State Board of Education for introducing books into the schools. *n. t.-p. Richmond: W. E. Jones, prtr.*, 1904. 336 p. 8°.

Public Works Board.

Annual Report, 1851–57/8, 1859/61, 1872, 1874, 1876. [*Richmond*, 1851–1876.] 8°.

—— Same, 1816, 1820–31, 1833–36, 1838–39, 1849–61, 1888, 1892. (In: House Journals and Annual Reports.)

Quarantine Commission.

Elizabeth River District. Report of the Medical Officer of Quarantine. 1877–78. [*Norfolk*, 1877–78.] 8°.

For year ending Dec. 20.

Railway Commissioner's Office.

Annual report of the Commissioner, no. 1–26 (1877–1901/2). *Richmond*, 1877–1902. 8°.

Office abolished March 1, 1903, and duties placed upon Corporation Commission.

Senate.

Journals, 1778–79, 1785/6–1790, 1810/1, 1812/3, 1814/5, 1816/7–1821/2, 1828/9–1863/4, 1865/6–1904. *Richmond*, 1778–1904. f° and 8°.

Manual of members, officers, and standing committees and rules... also, the constitution of Virginia, &c., &c. Session of 1885–6. *Richmond: R. V. Derr, Supt. of Pub. Prtg.*, 1885. 84 p. 24°.

Sinking Fund Commission.

Biennial report of commissioners, 1859. *Richmond*, 1859. 8°.

State Department.

Annual report of Secretary of Commonwealth to the Governor and General Assembly, 1902/3–1904/5. *Richmond*, 1903–'05. 8°.

State Library.

Annual report of the joint committee appointed to examine into the condition of the public (*i.e.*, state) library, its regulation and funds, 1827–35, 1837–53, 1857–61, 1866–77. *n. t.-p.* (In: Senate and House Journals, 1828–1878.)

These are really state library reports, and, in the later years, they are accompanied by the annual report of the secretary of state as state librarian.

Continued as:

Biennial report of the joint committee, etc., 1882/3–1890/1, 1894/5–98/9. *n. t.-p.* (In: Senate Journals, 1883/4–1900/00.)

Annual report of the state librarian, 1902/4. (In: Collected Documents, 1902/4.)

A catalogue of the library of the State of Virginia, arranged alphabetically... to which are prefixed the rules and regulations provided for the government of the library. *Richmond*, 1856. 270 p. 8°.

Statutes.

Collected Laws and Codes.

Under Colony.

1632. [First revisal of the laws of Virginia] 61 acts. (1 Hening, 178–202.)

164$\frac{8}{9}$. [Second revisal of the laws of Virginia] 73 acts. (1 Hening, 238–282.)

165$\frac{5}{6}$$\frac{7}{8}$. [Third revisal of the laws of Virginia] 131 acts. (1 Hening, 429–494.)

1662. The Lawes of Virginia Now in Force. *London: Printed in the year* M.DC.LXII. 2 ll., 82 p., 2 ll. 4°.

Printed by Cotes. Edited by Francis Moryson. Also in Hening ii: 41–148.

1694. An Abridgment of the laws of Virginia, made by Philip Ludwell, and now for the first time printed. *Richmond, Va.: House of the Society*, 1903. (2), 78 p. 8°.

Repr. Va. Magazine of History and Biography. Published by the Va. Historical Society.

1725. Laws of Virginia relating to the church and the clergy, religion and learning. (Trott. Laws of the British Colonies in America relating to the church and the clergy, etc. *London*, 1725. p. 105–161.)

1727. Acts of Assembly, passed in the Colony of Virginia from 1662 to 1715. Volume 1. *London: Printed by John Baskett*, 1727. xxiv, 391 p. F°.

Volume 2 was never published.

1733. A Collection of all the Acts of Assembly now in Force... *Williamsburg: Printed by William Parks*, 1733. (2), 922 p. F°.

1737. An Exact Abridgment of all the Public Acts of Assembly of Virginia, in Force and Use... *Williamsburg: Printed by William Parks*, 1737. xlvii, 345 p., 41 ll. 4°.

By John Mercer.

1739. A Continuation of the Abridgment of all the Public Acts of Assembly of Virginia in Force and Use. *Williamsburg: Printed by William Parks*, 1739. vi, (2), 347–376 p., 14 ll. 4°.

1759. An Exact Abridgment of all the Public Acts of Assembly of Virginia in Force and Use... January 1, 1758... By John Mercer. *Glasgow: Printed by John Bryce and David Paterson*, 1759. (2), xxii, 482 p. 4°.

1769. The Acts of Assembly Now in Force... *Williamsburg: Printed by W. Rind, A. Purdie and J. Dixon*, 1769. (2), 577 p. F°.

Under Commonwealth.

1785. A Collection of all such Public Acts of the General Assembly and Ordinances of the Conventions of Virginia passed since the year 1768, as are now in force... *Richmond: Printed by Thomas Nicholson and William Prentis*, 1785. 235 p. F°.

1794. A Collection of all such Acts of the General Assembly of Virginia, of a Public and Permanent Nature, as are now in Force... *Richmond: Printed by Augustine Davis*, 1794. 380 p. F°.

Public Documents, cont'd.

1803. Collection of all such acts of General Assembly...of a public and permanent nature as are now in force... Vol. 1. *Richmond: Samuel Pleasants*, 1803. (2), v, 454 p. 8°.

1808. Same, vol. 2. *Richmond: Samuel Pleasants*, 1808. vi, 322 p. 8°.

1812. Supplement containing the acts...passed on since...1807. *Richmond: Samuel Pleasants*, 1812. 210 p. 8°.

1819. The revised code of the laws of Virginia. *Richmond: Thomas Ritchie*, 1819. 2 v. 8°.

1823. Statutes at large: being a collection of all the laws of Virginia from the first session of the Legislature in the year 1619...By William Waller Hening. Volume 1–13. 8°.

v. 1–2. *New York: Printed by R. & W. & G. Bartow*, 1823.

v. 3. *Philadelphia: Printed by Thomas Desilver*, 1823.

v. 4–6. *Richmond: At the Franklin Press—W. W. Gray*, 1819–1820.

v. 7. *Richmond: At the Franklin Press*, 1820.

v. 8–9. *Richmond: Printed by J. G. Cochran*, 1821.

v. 10–12. *Richmond: Printed by George Cochran*, 1822–1823.

v. 13. *Philadelphia: Printed by Thomas Desilver*, 1823.

—— —— Personal names in Hening's statutes at large...By J. J. Casey. *New York*, 1896. 3 p.l., 141 p. 8°.

1833. Supplement to the revised code of...1819. *Richmond: Samuel Shepherd & Co.*, 1833. viii, 584 p. 8°.

1835–1836. The statutes at large...1792–1806. (New series.) Being a continuation of Hening. By Samuel Shepherd. *Richmond: Samuel Shepherd*, 1835–36. 3 v. 8°.

1849. The code of Virginia. [Compiled by J. M. Patton and Conway Robinson.] *Richmond: W. F. Ritchie*, 1849. xxxi, 898 (1) p. 8°.

—— Another issue. 2 vols.

1860. The code of Virginia... Second edition. *Richmond: Ritchie, Dunnavant & Co.*, 1860. xxiii, 1022 p. 8°.

1874. Third edition of the code of Virginia... Prepared by George W. Munford. *Richmond: J. E. Goode*, 1873. xix (1), 1546 (1) p. 8°.

1887. The code of Virginia...*Richmond: J. E. Goode*, 1887. xvi, 1177 (1) p. 8°.

1898. Supplement to the code of Virginia. By J.G. Pollard. *Richmond: J. L. Hill Prtg. Co.*, 1898. vi (2), 3–514 p. 8°.

Session Laws.

COLONY.

1734	August 22.	n. p., n. d.	51 p.	F°.
1736	August 5.	n. p., n. d.	48 p.	F°.
1738	Nov. 1.	n. p., n. d.	52 p.	F°.
1740	May 22.	n. p., n. d.	21 p.	F°.
1740	Aug. 21.	n. p., n. d.	2 p.	F°.
1752	Feb. 27.	n. p., n. d.	48 p.	F°.
1756	March 25.	n. p., n. d.	28 p.	F°.
1756	Sept. 20.	n. p., n. d.	4 p.	F°.
1757	April 14.	n. p., n. d.	48 p.	F°.
1758	Sept. 9.	n. p., n. d.	2 p.	F°.
1759	Feb. 22.	n. p., n. d.	36 p.	F°.
1759	Nov. 1.	n. p., n. d.	8 p.	F°.
1760	March 4.	n. p., n. d.	6 p.	F°.
1760	May 19.	n. p., n. d.	6 p.	F°.
1760	Oct. 6.	n. p., n. d.	7 p.	F°.
1761	March 5.	n. p., n. d.	9–50 p.	F°.
1761	Nov. 3.	n. p., n. d.	14 p.	F°.
1762	Jan. 14.	n. p., n. d.	2 p.	F°.
1762	March 30.	n. p., n. d.	10 p.	F°.
1762	Nov. 2.	n. p., n. d.	52 p.	F°.

1770 10 Geo. III. *Williamsburg: William Rind*, 1770. (2), 80 (3) p. F°.

1771 July 11. n. p., n. d. 8 p. F°.

1772 12 Geo. III. *Williamsburg: William Rind*, 1772. (1), 51 p. F°.

COMMONWEALTH.

1779 Oct. 4. *Williamsburg: Dixon & Nicholson*, n. d. 48 p. F°.

1787 Oct. 15. [*Richmond*, 1787.] 4–46 p. F°.

Imperfect; lacks t.-p. and p. 47+

1790 Oct. 18. *Richmond: Dixon*, n. d. 66 p. F°.

1810/1	session	35.
1817/8–1818/9	"	42–43.
1826–1853/4	"	51–78.
1855/6	"	80.
1857/8	"	82.
1859/60–1865	"	84–89.

1866/7, 1869/70–1879/80, 1881/2, 1883/4–1887/8, 1889/90, 1895/6; extra session, 1902/3.

Treasurer.

Annual report, 1866/7, 1873/4–79/80, 1887/8, 1890, 1892/3–99/1900. *Richmond*, 1874–1900. 8°.

—— Same, 1812, 1814–15, 1818–19, 1822–55, 1859, 1865, 1871, 1873–1904. (In: Journals and Annual Reports.)

REPORTS OF INSTITUTIONS.

College of William and Mary, Williamsburg. [Annual] Catalogue. 1889/90–97/8, 1900/1. *Richmond*, 1890[–1901]. 8°.

History of the college (including the general catalogue) from its foundation, 1693, to 1870. *Baltimore*, 1870. 162 p. 8°.

—— Same, to 1874. *Richmond*, 1874. 183 p., 1 l. 8°.

A catalogue, from its foundation to the present time. [*Williamsburg*, 1859.] 102 p. 8°.

—— The Present State of Virginia, and the College: By Messieurs Hartwell, Blair, and Chilton. To which is added, The Charter for erecting the said College... *London: John Wyat*, 1727. (4), 95 p. 8°.

—— The charter, transfer and statutes, of the College of William and Mary in Virginia: in Latin and English. *Williamsburg: W. Hunter*, 1758. 164 p. 8°.

Presentation copy from Dr. Dawson, president of William and Mary, to Samuel Davies, president of Princeton.

Public Institutions, cont'd.

—— Course of studies in William and Mary College at Williamsburg, Va. [*Williamsburg?* 1850?] 14 p., 1 l. 8°.

—— Remarks of Benjamin S. Ewell, president ... in support of the petition ... for an appropriation by Congress... delivered April 1, 1874. n.p. [1874] 16 p. 8°.

—— Two hundredth anniversary of the charter of the College of William and Mary. 1693–1893. [*Richmond: Whittet & Shepperson, printers*, 1894.] 1 p.l., 49 p. 4°.

Edited by Lyon G. Tyler.

—— The making of the Union. Contributions of the College of William and Mary in Virginia. *Richmond*, 1899. 36 p., 1 l. 8°.

Eastern Lunatic Hospital, Williamsburg. Annual report, 1 *et seq.* 1822–28, 1830–33, 1835–46, 1848–60/61, 1865/6, 1870/1, 1872/3, 1903/4. *n. t.-p.* (In: Sen. and House Jols. and Annual Reports.)

Female normal school. Report, 1885–1889. *n. t.-p.* (In: Annual Reports, 1885–1889.)

Hampton Normal and Agricultural Institute. Annual Catalogue. (1870/1, 75/6, 79/80, 82/3, 87/8–89/90, 93/4–1905/6.) *Hampton*, 1870–1906. 8°.

1875/6 contains a statement of its history, methods and results.
1904/5 is Bulletin v. 1, no. 1, Ja.–Mr. 1905.
1905/6 is Bulletin v. 2, no. 1, Mr. 1906.

—— Principal's report. 1876/7, 78/9, 80/1, 83/4, 85/6–86/7, 88/9–1901/2, 1903/4. *Hampton*, 1877–1904. 8°.

Early reports called Annual reports, No. 34 for 1901/2.

—— —— Same. 1876/7–1889/90. (In: Annual Report of Officers, etc.)

—— [Report to the Supt. of public instruction for Va.] 1879/80–80/1. *Richmond*, 1880–1881. 8°.

—— Hampton tracts for the people. Sanitary series. No. 3, 5. *New York*, 1879. 16°.

—— Southern (The) Workman. v. 5, no. 10 (1876); v. 8, no. 4 (1879); v. 10, nos, 1, 4; v. 13, nos. 7–12; v. 14, nos. 8–9; v. 15, nos. 3, 6–7, 10; v. 16, nos. 1, 3, 6; v. 19–20; v. 21, nos. 1–11; v. 22, nos. 1–11; v. 23–date. *Hampton*, 1876–date. f° and 4°.

—— Talks and thoughts of the Hampton Indian students. v. 6, nos. 1–2, 4, 7–12; v. 7, nos. 1, 4–12; v. 8, nos. 2–12; v. 9, nos. 1, 3–12; v. 11–12; v. 13, nos. 1–2, 5–12; v. 14; v. 15, nos. 1, 3–12; v. 16–date. *Hampton*, 1891–date. 12°.

—— *Alumni Association.* Primary needs of the negro race. An address by K. Miller. *Washington*, 1899. 18 pp. 8°.

—— *Nature-Study Bureau.* Animal industry leaflet. No. 1–4. *Washington*, 1903–1904. 8°.

—— —— Children's nature-study leaflet. No. 1–3. *Hampton*, 1902–1904. 8°.

—— —— Hampton Agriculture leaflet. No. 1–9. *Hampton*, 1902. 8°.

—— —— Leaflet. No. 1–17. (1901–1904.) [*Hampton*, 1901–1904.] 8°.

REPORT of President Hopkins of Williams College [and others], upon the ... Institute [also report of the farm manager and statement by the principal]. n. p. [1870?] 11 p., 1 pl. 8°.

First report repr. American Missionary, Aug. 1869.

CONGRESSIONAL land scrip. Hampton Normal and Agricultural Institute. Letters of R. W. Hughes, a Trustee, and Gen. S. C. Armstrong, Superintendent of the Hampton Institute. *Richmond*, 1872. 12 p. nar. 8°.

HAMPTON and its students. By two of its teachers, Mrs. M. F. Armstrong and H. W. Ludlow. With 50 cabin and plantation songs, arranged by T. F. Fenner... 255 p., 1 pl. ill. *New York*, 1874. 8°.

[AN APPEAL to the friends of the Institute in the hope of increased aid.] *Hampton, Va.*, 1879. 30 p. 8°.

[APPEAL of the Armstrong Association in behalf of the Institute. *New York*, 1880?] 15 p. 24°.

CONCERNING Indians. Extracts from the annual report of the principal for 1883. *Hampton*, 1883. 29 p. 8°.

[ITS work for the negro and Indian races. *Hampton*, 1884.] 8°.

ITS work for two races (1868 to 1885). *Hampton*, 1885. 34 p. 8°.

TEN years' work for Indians [1878–'88]. *Hampton*, 1878–88. 8°.

INDIAN education at Hampton. [*Hampton*, 1888?] 8 l. sq. 16°.

TWENTY-TWO years' work: records of negro and Indian graduates and ex-students... [ed. by Miss Helen W. Ludlow] *Hampton*, 1893. v, 1 l., 520 p., 4 l., 4 maps, 1 pl. 8°.

FROM the beginning. Reprinted from articles by Gen. S. C. Armstrong and Helen W. Ludlow in "22 years work of Hampton Institute." *Hampton* [1893?]. 20 p. 16°.

ANNIVERSARY. No. 28. (My. 1896.) [*Hampton*, 1896.] 12°.

HAMPTON normal and agricultural institute and its work for the negro and Indian youth. *Hampton*, 1898. 16 p., 2 pl. sq. 16°.

—— —— *Boston*, 1899. 13 p. sq. 16°.

—— —— *Hampton*, 1900. 16 p. 16°.

[OUT from cabin and tepee. *Hampton*, 1900.] 32 pp. sq. 16°.

THEN and now at Hampton Institute, 1868–1902. [*Hampton*, 1902.] 31 p. nar 8°.

The WORK of Hampton. *Hampton*, 1904. 16 p. 8°.

Medical College of Virginia, Richmond, Va. Catalogue of session (1883/4); Announcement of session (1884/5). *Richmond*, 1884. 8°.

—— Report of Dean. 1855/7, 1858, 1860/61, 1869/70, 1887/87, 1888/9. (In: Annual Reports of State Officers.)

—— Report of Board of Visitors, 1882–1887. *n. t.-p.* (In: Ann. Repts., 1882–87.)

Richmond College. Catalogue. Session 1872/3, 1883/4, 84/5. *Richmond*, 1872–85. 8°.

Catalogue for 1884/5 contains also a historical sketch, and roll of alumni, 1832–'84

—— Dedication of Teter Memorial Hall; address by Rev. J. B. Thomas, D.D., of Brooklyn,

Public Institutions, cont'd.

N. Y.; remarks of the chairman of the... committee and the president of the trustees... June 18, 1884. *Richmond*, 1884. 31 p., 1 pl. 8°.

University of Virginia.

Serial Publications.

Catalogue. 1825–43/4, 1849/50, 1855/6, 1859/60, 1866/7, 1868/9, 1871/2–1872/3, 1874/5–98/9, 1900/1–1902/3, 1904/5–1905/06. *Roanoke, Charlottesville, etc.*, 1849–1906. 12°. 8°.

Catalogues of sessions 1–19 (1825–1843/4) are printed in 1880–81, collected into one volume, with cover-title "Catalogues," and a preliminary statement by James F. Harrison that "Catalogues of the students attending the early sessions have never before been published."

—— —— 1832/3. *Charlottesville: D. Deans & Co.*, 1833. 27 p. 8°.

—— Report of rector and visitors. 1820, 1822–23, 1826–31, 1836–37, 1840–1854, 1858, 1861, 1866, 1870, 1873–74, 1876–89. (In: House and Senate Journals and Annual Reports.)

—— Bulletins. New ser. v. 1–3, v. 5 no. 1, v. 6 no. 2. (Ja. 1901–Oct. 1903, Ja. 1905, Ap. 1906.) *Charlottesville, Va.*, 1901–1906. 8°.

—— *Society of the Alumni.* Circular no. 2 of the executive committee of the Society of Alumni... with a Sketch of its History. *Charlottesville*, 1873. 19 p. 8°.

—— —— The Alumni Bulletin. v. 1–v. 7, no. 1; n. s., v. 1–4 (May 1894–Oct. 1904). *Charlottesville*, 1894–1904. 4°.

n. s. v. 1–3 called "Bulletins of the University of Virginia," no. 1 of n. s. v. 1–3 each the Catalogue number. v. 5, no. 1 called "Commencement number."

ANNALS of Mathematics. v. 1–12 (1884–99). *Charlottesville*, 1884–99. 4°.

Since 1899 published by Harvard University.

COLLEGE topics, v. 1, no. 10, March 15, 1890. Extra in the interest of the university. *Charlottesville, Va.*, 1890. f°.

UNIVERSITY of Virginia Magazine, published by the two literary societies of the University of Virginia. v. 15, no. 5 (Feb. 1877), v. 55, nos. 4–9; v. 56, no. 2, 4, 5; and v. 67, no. 1 (Jan.–June 1895, Jan.–Feb. 1896, Oct. 1906). *Charlottesville*, 1877–1906. 4°.

Non-serial Publications.

UNIVERSITY of Virginia. To the President and Directors of the Literary Fund. Draft of an annual report by the Rector and Visitors, as to the policy, proceedings and finances, with preliminary observations on the death of George Washington. A. D., Thomas Jefferson. With numerous interlineations and corrections. 5 p. 4°. MS.

UNIVERSITY of Virginia. Enactments by the rector and visitors for constituting, governing and conducting that institution. *Charlottesville*, 1825. 8°.

BURWELL (William M.) Address delivered before the Society of Alumni... at their annual meeting, June 29, 1847. *Richmond: Shepherd and Colin*, 1847. 27, 7 p. 8°.

pp. 1–7 at end contain the report of the Proceedings of the Society on 28 June, 1847.

HOLCOMBE (James P). An address delivered before the Society of Alumni... at its annual meeting, held in the public hall, June 29th, 1853. *Richmond: Macfarlane & Fergusson*, 1853. 43 p. 8°.

LECTURES on the evidence of Christianity, delivered at the University of America, during the session of 1850–1. *New York: R. Carter & Bros.*, 1853. x, 606 p., 13 port. 8°.

Edited by W. H. Ruffner.

JEFFERSON (Thomas), *and* J. C. CABELL. Early history of the University of Virginia, as contained in the letters of T. Jefferson and J. C. Cabell, hitherto unpublished; with an appendix... *Richmond: J. W. Randolph*, 1856. xxxvi, 52, 8 p. 8°.

BOHN'S album and autographs of the University of Virginia, with a short history, and beautifully illustrated with twenty steel engravings and portraits of the professors and officers. *Washington: C. Bohn*, 1859. 13 p. 4°.

Interleaved copy.

JOHNSON (John Lipscomb). The University memorial: biographical sketches of alumni of the University of Virginia who fell in the Confederate War. *Baltimore*, 1871. ports. pl. 8°.

HUNTER (Robert Mercer Taliaferro). Address to the alumni of the University of Virginia at Charlottesville... June 30, 1875... *Richmond: J. E. Goode*, 1875. 17 p. 8°.

SOUTHALL (James C.) Opening of the Lewis Brooks Museum at the University of Virginia, June 27th, 1878. Address on Man's Age in the World. With introductory remarks of Hon. A. H. H. Stuart, Rector. *Richmond: Printed by order of the Board of Visitors*, 1878. 58 p., 1 l. 8°.

BROADHEAD (James O.) An address delivered before the Society of Alumni of the University of Virginia, June 30, 1881. *Charlottesville: Society of the Alumni* [1881]. 25 p. 8°.

TUTWILER (H.) Early years of the University of Virginia. Address... before the Alumni Society ...Thursday, June 29th, 1882. *Charlottesville: Chronicle Book and Job Office*, 1882. 14 p. 8°.

A SKETCH of the University of Virginia. *Richmond, Va.*, 1885. 43 p. 8°.

ADAMS (Herbert Baxter). Thomas Jefferson and the University of Virginia; with authorized sketches of Hampden-Sydney, Randolph-Macon, Emory-Henry, Roanoke, and Richmond colleges, Washington and Lee University, and Virginia Military Institute. (Contributions to Am. Educ. Hist. by H. B. A. No. 2.) *Washington: Govt. Prtg. Office*, 1888. 308 p., 24 pl., 1 port. 8°. (*U. S. Bureau of Educ. Circ. of Inf. No. 1*, 1888.)

TRENT (William Peterfield). English culture in Virginia: a study of the Gilmer letters, and an account of the English Professors obtained by Jefferson for the University of Virginia. *Baltimore: Johns Hopkins University*, 1889. 8°. (Johns Hopkins Univ. Studies in Historical and Political Science, 7. ser. nos. 5, 6.)

REPLY of the Rector and Visitors of the University of Virginia to the remonstrance on recent changes in the requirements for the degree of master of arts. *Charlottesville*, 1892. 60 p. 8°.

ROGERS (W. B.) Life and letters of... Rogers, edited by his wife with the assistance of W. T.

Public Institutions, cont'd.

Sedgwick. 2 vol. viii, 1 l., 427; vi, 1 l., 451 p., 6 pl., 5 port., 3 fac-sim. ill. *Boston: Houghton, Mifflin & Co.*, 1896. 8°.

DABNEY (Richard Heath). University of Virginia... 5 l. [*New York*, 1897.] f°.

Repr.: Frank Leslie's Pop. Month., Aug., 1897.

CARTER (James C.) The University of Virginia: Jefferson its Father, and his Political Philosophy. An Address delivered upon the Occasion of the Dedication of the new Buildings of the University, June 14, 1898. [*Charlottesville:*] *The University of Virginia*, 1898. 1 p.l., 38 p. 8°.

PATTON (John Shelton), *and* S. J. DOSWELL. The University of Virginia: glimpses of its past and present. [*Lynchburg, Va.: J. P. Bell Co.*, 190–?] 82 p., 1 l. illus. 8°.

MABIE (Hamilton W.) Some famous schools. The university of Virginia. (Outlook. v. 65, p. 784–797. *New York*, 1900.)

UNIVERSITY of Virginia: its history, influence, equipment and characteristics; with biographical sketches and portraits of founders, benefactors, officers and alumni. Editorial staff...P. B. Barringer, J. M. Garnett...R. Page. Illustrated. *New York: Lewis Pub. Co.*, 1904. 2 v. 4°.

PAGE (Thomas Nelson). The University of Virginia. (Scribner's Maga. v. 37, p. 396–410. *New York*, 1905.)

The UNIVERSITY of Virginia in the life of the nation. Academic addresses delivered on the occasion of the installation of Edwin Anderson Alderman as president of the University of Virginia, Apr. 13...1905...[by] A.C. Coolidge [and others]. [*Charlottesville, Va.: The Univ.*, 1905.] 121 p. 8°.

PATTON (John Shelton). Jefferson, Cabell, and the University of Virginia. *New York: The Neale Pub. Co.*, 1906. 3 p.l., v viii, 9–380 p., 5 pl., 2 port. 8°.

Virginia Military Institute, Lexington. Annual report, 1 et seq. 1839–1847, 1849/50, 1851/2, 1854/5, 1856/7, 1859/60–60/1, 1865/6, 1869/70, 1873/4–76/7. *n.t.-p.* (In House and Senate Journals and Annual Reports.)

1839–40 called "Report of the principal professor," later called "Report of the Superintendent" and "Report of Board of Visitors" variously. Reports are unnumbered, except that for 1845, which is numbered 7.

—— Register of the officers and cadets, July, 1857, 72/3. *Richmond*, 1857–1873. 8°.

1872/3 called "Official register."

LETCHER (John). Address on the re-inauguration of the bronze statue of George Washington, at the Virginia Military Institute, September 10, 1866. *Richmond: Board of Visitors* [1866]. 20 p. 8°.

WALKER (Charles D.) Memorial, Virginia Military Institute. Biographical sketches of the graduates and élèves of the Virginia Military Institute who fell during the war between the States. *Philadelphia: J. B. Lippincott & Co.*, 1875. 585 p. 8°.

WISE (Henry Augustus). Gov. Wise's inaugural address at Lexington, Va., Military Institute, July, 1856. [*Richmond?*] 1856. 30 p. 8°.

Washington and Lee University. Catalogue, 1865/6, 69/70–74/5, 76/7–77/8, 83/4, 85/6, 86/7, 90/1–91/2, 94/5, 1901/2. *Baltimore, etc.*, 1866–1902. 8°.

Before 1871 called "Washington College."

—— Washington and Lee University, Lexington, Va. Catalogue of the officers and alumni, 1749–1888. *Baltimore: J. Murphy & Co.*, 1888. 245 p. 8°.

—— Washington and Lee University, Lexington, Va. Historical papers. no. 1–3. (1890–1892) *Baltimore*, 1890–1892. 8°.

SOUTHERN (The) collegian; published at Washington and Lee University. v. 26, no. 3–6; v. 32, no. 1; v. 34, no. 2 (Dec., 1893–May, 1894; Nov., 1899; Nov., 1901). *Lexington*, 1893–1901. 8°.

DABNEY (John Blair). Address at Washington College before the literary societies. *Lexington*, 1841. 8°.

MEETING (A) in anticipation of Washington's Birthday, in behalf of Washington College, Va., called by the leading clergy and others of all denominations in New York. *New York*, 1868. 24 p. 16°.

REPORT of proceedings of a meeting to organize a movement for securing a centennial endowment fund for Washington and Lee University...held in Independence Hall, Philadelphia, Oct. 10, 1876. [*Philadelphia*, 1876.] 32 p. 8°.

CENTENNIAL organization for the better endowment of W. and L. U. Report of the meetings held in Independence Hall, Phila., Oct. 10, 1875, and June 8, 1881. *New York*, 1882. ii, 1 l., 88 p. 8°.

PRESTON (Margaret J.) Centennial poem for Washington and Lee Univ., Lexington, Virginia, 1775–1885. *New York: G. P. Putnam's Sons*, 1885. cover, title, 24 l. 12°.

Printed on rectos only. With autograph presentation inscription from G. W. C. Lee.

The INAUGURATION of William Lyne Wilson, as president, September 15, 1897. *Lynchburg* [1897]. 49 p. 8°.

Western Lunatic Hospital. Annual report, 1–18 (1825–45), 21–27 (1848–54), unnumbered 1855/7–59/61, 1865/6, 1869/70–1892/3, numbering resumed, v. 2, 67–70 (1893/4–96/7), 72–76 (1898/9–1902/3). *n. t.-p.* (In: Senate and House Jols. and Annual Reports.)

William and Mary. *See* **College** of William and Mary.

MANUSCRIPTS.

In addition to the manuscripts, noted below as bearing directly on the subject, the Library owns several large groups that contain historical material relating in some degree to Virginia. The Bancroft transcripts, drawn from various public and private archives, comprise a great quantity of documents and contemporary correspondence bearing on the course of events in the American colonies down to the close of the Revolution, with some of later date. The papers of the Boston Committee of Correspondence contain several letters from towns and counties in Virginia, written in 1774–75. The papers of Gen. Morgan and the letter-books of Gen. Gates and Greene relate to the campaigns in the south. The Yorktown campaign is described in the transcript of Washington's journal and in Col. Dearborn's diary. There is a quantity of colonial and revolutionary letters by various military officers, members of the Continental Congress and other prominent Virginians, in the volumes of the Emmet and the Myers collections, and among the miscellaneous unbound MSS. of the Ford collection, etc. In this connection may be mentioned also the correspondence of Samuel Adams with Richard Henry Lee. The records of the Loyalist Commis-

Manuscripts, cont'd.

sion, transcribed recently for the New York Public Library, contain documents relating to the losses and services of Virginia loyalists. The Washington copy-press letters, 1792–1799, deal largely with agricultural and local matters, the management of his estate, the navigation of the Potomac river, etc. The papers of Gov. James Barbour, 1811–41, relate in some degree to the political affairs of Virginia as well as to those of the nation at large. Other material for the period, from the close of the Revolution to about 1835, may be found among the papers of Madison and Monroe.

Calendars and Catalogues.

Palmer (William P). Calendar of Virginia state papers and other manscripts, 1652(–1869), preserved in the capitol at Richmond... *Richmond*, 1875–93. 11 v. 4°.

Some Virginia colonial records. [1670?–1708.] From the originals, Virginia State Library. (Va. Mag. of Hist. and Biog., vol. 10, p. 371–382; vol. 11, p. 57–68, 155–169. 1903.)

These records were discovered after the *Calendar of Virginia State Papers* had been published. They were intended for a supplementary volume, which, however, was never issued.

Stanard (William G.) The Virginia archives. *Washington: Gov't Print. Off.*, 1904. 645–664 p. 8°.

Rep. from the Annual Report of the Amer. Hist. Ass. 1903. Vol. 1, pages 645–664.

Virginia Historical Society. Catalogue of the manuscripts in the collection of the Virginia Historical Society, and also of some printed papers. *Richmond: W. E. Jones*, 1901. 2 p.l., 120 p. 8°.

Supplement to the Virginia Magazine of History and Biography.

Single works and groups.

Donne (George). Virginia reviewed. About 1640. Transcript from Harleian MS. in the British Museum. 1868? 38 ll. f°. Unbound. MOORE.

Gatford (Lionel). Public Good Without Private Interest; or, A Compendious Remonstrance of the present sad state and condition of the English Colonie in Virginea... *London: Printed for Henry Marsh*, 1657. Transcript. 1850? 75 ll. 4°. Half calf. BANCROFT.

See Sabin 26760.

Great Britain.—Ordnance Board. Estimate of stores for a voyage to Virginia, list of stores sent, and of stores in the magazine of the colony, 1676–1681. 12 ll. F°. Unbound. MOORE.

See *Catalogue of the Moore library*, part 2, no. 1956.

Howe (Henry). Historical Collections of Virginia. Illustrated by Thos. Addis Emmet, M.D. *New York*, 1880. 3 vol. 4°. Half morocco. EM. 14607–15107

Jefferson (Thomas). Proposed constitution for Virginia, June, 1776. A.D. 4 ll. F°. Half morocco.

This is the "fair copy," printed in Ford's *Writings of Jefferson*, vol. 2, p. 7. The history of this document is there noted by Mr. Ford. The manuscript was presented to the Lenox Library by Mr. Alexander Maitland in 1894.

Mason (George). Letters of George Mason to George Mason jr., John Mason, and others, 1766–1788, on political matters and the course of the war, particularly as affecting Virginia; and extracts from the Virginia charters, with remarks on them, 1773. 20 transcripts from the originals in possession of J. M. Mason, and from the papers of R. H. Lee, 1857. 4°. Half morocco. BANCROFT

Principio Company, *Va.*(1768–1769). Eighteen pages of accounts, and twelve letters by Thomas Russell, Nathaniel Martin, Francis Phillips, and William Baxter concerning the Principio Company's iron works on the Potomac River. F°. EM. P*

Simancas Archives. Transcript of papers in the Simancas Archives relating to the History of Virginia and other portions of America between 1608 and 1624, made for Alexander Brown and partly used by him in his book *The Genesis of the United States*, Boston, 1890. 731 ll., 2 maps, 1 plan (copies). F°. Half morocco.

Presented by Hon. George L. Rives, 1898.

Smyth Papers. Virginia papers, 1613–1634. The manuscript coll'ns of John Smyth of Nibley Glocestersh, the author of the "Lives of the Berkeleys," one of the original Adventurers in the promotion of plantations and settlements in the second Virginian colony. With some papers of later date added. 84 originals and contemporary transcripts, 1613–1679. F°. Morocco.

The collection was presented by Mr. Alexander Maitland, 1897. Calendared in *Bulletin of the N. Y. Public Library*, vol. 1, p. 168. See also the account of the collection, vol. 1, p. 68; and selections printed in vol. 1, p. 68, vol. 3, pp. 160, 208, 248, 276.

Tobacco-claimants, Richmond, Va. Letter-book containing copies of petitions by several merchants of Virginia, May–June, 1865, to the U. S. military authorities, asking that certain quantities of tobacco, taken possession of by the United States Army on entering Richmond, be returned to them; with copies of affidavits, endorsements, etc. 1 p.l., 131 p. F°. Cloth, roan back.

United States.—*Army* (*Revolution*): *Virginia Line.* A list of officers, and a list of soldiers, of the Virginia Line, on continental establishment, who have received certificates for the balance of their full pay agreeable to an Act of Assembly passed November session 1781. Certified in the Office of Accounts, May 11, 1789, as a true extract from the State Auditor's List. About 250 p. F°. FORD

There are also about 20 miscellaneous papers relating to the Virginia troops of the Revolution, as, muster rolls, pay rolls, returns of killed and wounded, etc., chiefly in the Emmet and Ford collections. See also mention of the services of these troops in MS. letters of the period.

United States.—*Treasury Dept.* Account-book of sales of captured and abandoned Confederate property at Lynchburg, Va., with contingent expenses for labor and transportation, etc., July–Aug., 1865. 27 ll. F°. Boards, roan back.

Virginia Bishopric. Draft of a document providing for the erection of a bishopric in Virginia, during the reign of Charles II. About 1680? In Latin. Transcript from MS. 238 in the Library of All Souls College, Oxford, 1868. With an English translation by George Henry Moore. 13, 11 ll. F°. Unbound. MOORE

Virginia Letters. John Pory's letter on the Virginia colony, Sept. 30, 1619; John Harvey's declaration of the state of Virginia, 1624; letter from the governor and council to the lords of trade, Apr. 6, 1626; letter of Richard Kemp, May 17, 1635. Copies, perhaps contemporary. 3 vol. F°. Calf.

The last two are calendared in *State Papers, colonial series.*

Virginia Papers. Chalmers collection of letters and documents relating to Virginia, 1606–

Manuscripts, cont'd.

1775; letters of governors, and instructions to them, petitions, orders in council, etc., and correspondence of Lord Dunmore during the beginning of the revolution. About 200 items, the greater part transcripts, largely from the State Paper Office. 4 vol. F°. Calf.

Virginia Papers. Letters of governors of Virginia to the home government, and other letters and documents relating to Virginia, 1755–1780, a great part being letters of Lord Dunmore dealing with the beginning of the revolution. 185 transcripts, mostly from the State Paper Office. 1850? 3 vol. 4°. Half morocco. BANCROFT

Virginia Papers. Letters, orders in council, and other documents relating to the early history of Virginia, 1606–1685. 628 transcripts from the State Paper Office. 1852? 9 vol. F°. Boards, cloth backs. BANCROFT

Calendared in *State Papers, colonial series.*

Calendar of Virginia Public Papers.

The following list contains only those Virginia papers of an official nature that have heretofore been calendared; and it should be noted that the work of calendaring individual manuscripts has so far covered only the Emmet collection, the Samuel Adams papers, and some smaller groups.

Unofficial letters relating to Virginia are not included in this list.

Virginia Company. Clapham, Apr. 28, 1613. Petition to Lord Chancellor Ellesmere, praying that Sr Henry Nevill, Sr Henry Carye, Sr Willm Cornewallis, Sr John Cutts, the younger, Sr George Huntley, Sr John Radcliffe, Sr Walter Chute, Sr Arthur Manwaringe, Sr John St. John, Sr Thomas ffreake, John Vaughan, Richard Monyngton, John Smithe, Arthur Ingram, William Hall, Edmond Allen, Sr Thomas Connyngsby, Richard Hall, Sr William Boulestrode and Nicholas Wheeler be cited to appear and answer for their arrears to the Treasury and Company of Adventurers and Planters of the City of London for the first Colony in Virginia. D. S., Chris Brooke. Evelyn p[ro] def. 23 leaves, folded. F°. SMYTH 1

Printed in Brown's *Genesis of the U. S.*, vol. 1 (Bost., 1890) pp. 623–631. The statement there made (page 630) that the names of Edmond Allen, Sir Thomas Conyngsby, and Richard Hall do not appear the second time is erroneous, the one line containing their names having been omitted accidentally by the transcriber.

Yeardley (*Sir* George). [Jamestown, Va.,] Jan. 162$\frac{0}{1}$. Certificate to the Council and Company for the first southern colony of Virginia, of the arrival of Berkeley on January 29, 162$\frac{0}{1}$, of the fifty persons whose names are given on the document. D. S., George Yeardley; countersigned by Jo: Pory, Secretary. With seal affixed 1 page and 1 leaf with endorsement. F°. SMYTH 34

Virginia (Colony).—*Quarter Court.* [Jamestown,] Mar. 7, 162$\frac{3}{4}$–Mar. 7, 162$\frac{4}{5}$. Transcripts by Benjamin Harryson of entries from the court records relating to the debts of George Thorpe. Endorsed in the handwriting of John Smyth: 'Mr. Thorps debts in Virgynia.' 3 pp. F°. SMYTH 38

Virginia (Colony)—*Governor.* Apr. 23, 1670. Order for Thomas Ludwell, escheator general, to summon a jury and inquire whether certain land escheats to the king. D. S., William Berkeley. Endorsed. 1 page. 4°. EM. 14648

Virginia (Colony) — *Burgesses, House of.* [Williamsburg,] May 1, 1688. Address to Francis Lord Howard Baron of Effingham, protesting against the raising of money in Virginia to give assistance to the government of New York in maintaining the Indian nations under that government against the pretensions of the French. D. S., A. Allen, speaker. 2 p. F°. EM. 6203

Virginia (Colony). James City, Nov. 10, 1699. Order to Gawin Corbin, H. M. Collector of Rappahanock District, to observe the thereinbefore written order of His Majesty's Commissioners of Customs Jo Werden, Charles Godolphin, Sir Robert Southwell and J. Ward as to duties on tobacco. D. S., ffr. Nicholson. With transcript of order prefixed. 1 page. F°. EM. 10553

Virginia (Colony) — *Governor.* [Williamsburg,] April 17, 1715. Writ of administration on John Sandiford's will, to William Sandiford, executor. D. S., A. Spotswood. Countersigned by Wm. Cocke. 1 page. F°. EM. 6210

Virginia (Colony)—*Governor.* Williamsburgh, May 28, 1719. Proclamation, publishing the royal proclamation of clemency to pirates, of Dec. 21, 1718, and appointing July 1 as last day of surrender to himself or governors of Maryland and Carolina. D. S., A. Spotswood. Endorsed. 1 page. F°. EM. 10661

Virginia (Colony)—*Governor.* Williamsburg, June 10, 1725. Proclamation proroguing the General Assembly to Thursday, Nov. 18, 1725. D.S., Hugh Drysdale. Endorsed. 1 page. F°. EM. 6212

Virginia (Colony)—*Governor.* Williamsburgh, Oct. 19, 1725. Proclamation proroguing the General Assembly to May 12, 1726. D. S., Hugh Drysdale. Endorsed. 1 page. F°. EM. 14654

Virginia (Colony)—*Governor.* Williamsburgh, May 7, 1765. Receipt to Colonel Preston for £3 for pedlars' licenses granted in Augusta County. A.D.S., Fran: Fauquier. Endorsed. 1 page. 4°. EM. 14858

Connecticut (Colony)—*Committee of Correspondence.* Lebanon, Conn., Aug. 10, 1773. To Peyton Randolph and the Committee of Correspondence of Virginia. Connecticut Committee of Correspondence have appointed the undersigned a select Corresponding Committee; the Virginia Committee is referred to the Committee of Correspondence of Rhode Island for information in regard to recent Court of Enquiry held in that Colony; information is requested as to action of Judges of Superior Court in Virginia in the matter of writs of assistance; Virginia assured of the support of Connecticut, and of their hope to strengthen that harmony of union among the colonies which daily appears more necessary. Signed by Wm Williams, Silas Deane, Benja Payne, Joseph Trumbull. 3 p. 4°. EM. 259

Connecticut (Colony)—*Committee of Correspondence.* Wethersfield, June 13 [1774]. To Peyton Randolph, Robert C. Nicholas, Richard Bland, Committee of Correspondence, Williamsburg, Va. Enclosing resolutions of the House of Representatives; July or August suggested as time for a congress to meet, the place to be New York or Philadelphia; "the wise, spirited, and seasonable proceedings of Your truly patriotic House of

Manuscripts, cont'd.

Burgesses, in early proposing a Correspondence and Union of the Colonies has justly merited & universally received the Approbation and grateful Acknowledgments of British America—And the manly, pious, and humane attention more lately manifested to the distresses of the town of Boston reflect equal honor on them as Men, as Patriots, & as Christians"; a post script tells of the day of fasting appointed by the Assembly and the contribution voted for the relief of Boston. A. L. S., Silas Deane. 2 p. 4°. EM. 355

Virginia (Colony)—*Convention.* Williamsburg, Jan. 9, 1776. Commission from the Committee of Safety to John Tipton, as captain of a company of the militia of the county of Dunmore. D. S., Edmd. Pendleton, John Page, Thos. Lud. Lee, P. Carrington, Dudley Digges, W. Cabell, Carter Braxton, J. Mercer. Printed form filled in. Endorsed. 1 page. F°. EM. 6308

Maryland (Province) — *Convention.* Philadelphia, Mar. 19, 1776. [To Committees of Safety of Virginia or Pennsylvania?] Maryland convention has voted a sum of money to defend Baltimore; batteries are erecting; "if your Colony can spare us four eighteen pounders or eight Twelves or eight Nines, which shall be returned as soon as others can be procured, they will be of infinite Service in defending a Boom now very nearly ready to be laid across the River." L. S., Th. Johnson, Jun., Sam. Chase, Wm. Paca. 1 page. 4°. EM. 405

Virginia (Colony)—*Convention.* [Williamsburg,] June 12, 1776. A declaration of Rights made by the Representatives of the Good People of Virginia, assembled in full and free Convention, which Rights do pertain to them and their Posterity, as the Basis & foundation of Government. At the end is the note; "This declaration of Rights was the first in America—it received a few alterations in the Virginia Convention (some of them not for the better) and was afterwards closely Imitated by the other United States. G. M." Contemporary copy of the first draft by George Mason. 3 p. F°. EM. 1506

In the letter-press, Dr. Emmet states that the copy "is not in Mr. Mason's handwriting, but was found among his papers."

For a fac-simile of the original draft see Rowland's *George Mason*, vol. 1 (1892), p. 240.

Gibson (John). Fort Pitt, [Pa.] June 15, 1776. [To the Committee of Safety of Virginia.] Acknowledges letter from John Harvey enclosing resolve of the Convention; the present distracted state of the country has been brought about by designing men, whose grants from the Indians are likely to meet with opposition from Virginia; a memorial has been circulated praying Congress for a new government west of the mountains; some have said that the Convention has no right to frame laws, that they would refuse obedience, and that Virginia had no charter; others have said that if Congress refused the petition they would move westward with 20,000 families. Capt. John Nevil, John Campbell and himself have opposed this; refers the Committee to Campbell, who bears letter. A.L.S. 1 page. F°. EM. G.*

Virginia.—*Governor.* In Council, Williamsburg, [Va.] Sept. 17, 1777. To Gen. [Edward] Hand, Fort Pitt. The Board are perfectly satisfied with the draughts made by Gen. Hand on the militia, but they fear that his plans may be interfered with by the late requisition of Congress for one-third of the militia of several of the counties; they have sent his letter to Col. Aylett who will carry out his wishes respecting provisions; they earnestly desire that the perpetrators of the horrid murders committed on the Indians at the late treaty may be brought to justice. A. L. S. 2 pp. and 1 leaf with endorsement. 4°. EM. V

Virginia.—*General Assembly.* [Williamsburg, Oct. ? 1778.] Examination of [John] Harvie and [John] Banister, lately returned from congress; queries and answers on the state of public affairs, including foreign relations and the disagreements of Dr. [Arthur] Lee with Franklin and Deane. Copy, in the handwriting of Arthur Lee? 6 pp., 1 leaf with endorsement; also a narrow strip with a series of questions on Cunningham's cruise, in the handwriting of Richard Henry Lee. 4°. S. ADAMS

Buford (Abraham). Salisbury [N. C.,] June 2, 1780. To the Assemby [of Virginia]. Sends an account of his misfortunes on the 29th ult.; states that his troops were moving slowly owing to the bad state of the roads and the heavily loaded wagons, when they found that the enemy was close upon their rear; Col. Tarleton sent a flag of truce demanding surrender, which he refused; they were immediately attacked, and though the officers behaved with great bravery, they were overpowered by superior numbers, and forced to retreat; two-thirds of the troops were killed or wounded; many were killed after they had surrendered; has spent five days collecting stragglers; had appointed Salisbury as the place of rendezvous; Gen. Huger had advised him to send his officers to the Assembly and if possible get more men; is ill himself, but will wait on the Assembly for orders and advice; reports the loss of 10,000 lbs. of powder, a quantity of unmade clothing, two field-pieces and 20 wagons and teams with the baggage of the regiment. A. L. S. Endorsed. 4 pp. F°. EM. 6600

Virginia.—*Delegates in Congress.* Philadelphia, Aug. 20, 1781. To Thomas Nelson, Governor of Virginia. Enclosing a copy of correspondence between the Virginia delegation and the Executive [of Pennsylvania] as to a process of Simon Nathan *versus* goods in ship *Franklin* on account of State of Virginia; also papers as to charge against Gabriel Penn; had obtained from Congress passports for the importation of 50,000 bushels of salt from Bermudas. A. L. S., J. Madison Junr. Signed also, Jos: Jones, Edm: Randolph, Theok. Bland. 1 page. 4°. EM. 9774

The address is mounted on the back.

Virginia.—*Governor.* Council Chamber [Richmond], Sept. 16, 1782. To Col. William Fleming and the Kentucky commissioners. Orders for their proceedings; speaks of the money sent on for them, and leaves matters largely to their discretion. A. L. S. Benjamin Harrison [Governor]. Endorsed. 2 pp. 4°. EM. 1081

Virginia.—*Governor.* Richmond, Mar. 31, 1783. Commission appointing James Browning and Benjamin Lillard, appointed justices of the peace on that same day for Culpeper county, commissioners of oyer and terminer for the trial of

Manuscripts, cont'd.

slaves in Culpeper county. D. S., Benj. Harrison, Governor. Printed form filled in. With seal affixed. 1 page. F°. EM. 3897

Virginia. — *Governor.* Council - Chamber, [Richmond, Va.,] Sept. 2, 1783. Certificate that Iverson Nuttall is entitled to the proportion of land allowed a midshipman of the State Navy for three years' service. Printed form filled in. D. S., Benj Harrison. Countersigned, Thos. Meriwether. 1 page. 12°. EM. 5793

Virginia.—*Governor.* Richmond, Dec. 6, 1788. Land warrant for 6,180 acres of land to Abraham Irvin, in consideration of three land-office treasury warrants, nos. 12,924, 12,925, 12,923, all issued July 9, 1782. D. S., Beverley Randolph, Governor. Vellum. 2 pp. F°. EM. 3901

The seal has been removed.

Lee (Henry). July 4, 1794. Division orders dated June 30, and July 4, 1794, appointing Thomas Nelson and George K. Taylor aides de camp, and prescribing the quota to be furnished by each brigade of militia in order to complete the three regiments and nine companies required of the 4th Division. D. S. 4 pp. F°. EM. 7975

Virginia.—*Governor.* Richmond, Apl. 11, 1810. To the Governor of ———. Being required by the Legislature of Virginia to propose to the Executive Council of each state an annual exchange of the respective acts of every state, including the Revised Code, he transmits to the Governor such acts as fall within the requisition, hoping the proposition may meet his approval. L. S., Jno: Tyler. Endorsed: "20th: July, 1811 acknowledged in a letter to John H. Pleasants, with laws." 1 page. 4°. EM. 6149

Virginia.—*Governor.* Richmond, Oct. 26, 1841. To the Governor of New Hampshire. Circular letter enclosing documents referred to in annexed resolution of the General Assembly. Printed form, signed, John Rutherfoord Lieut. Governor. 2 pp. 8°. EM. 14723

University of Virginia.—Rector and Visitors. [Charlottesville, about 1800?] To the President and Directors of the Literary Fund. Draft of an annual report as to the policy, proceedings and finances, with preliminary observations on the death of George Washington. A. D., Thomas Jefferson. With numerous interlineations and corrections. 5 pp. 4°. EM. U

GENERAL HISTORY.

Systematic Works.

Arthur (Timothy Shay), *and* W. H. CARPENTER. The history of Virginia, from its earliest settlement to the present time. *Philadelphia: Lippincott, Grambo & Co.*, 1852. 1 p.l., 332 p. 1 port. 12°. (Lippincott's cabinet histories of the States.)

—— —— *Philadelphia: Caxton, Remsen & Heffelfinger*, 1872. 332 p. 16°. (Cabinet histories of the States.)

B[everley] (R[obert]). The History and Present State of Virginia, in Four Parts. I. The History of the First Settlement of Virginia, and the Government thereof, to the present Time. II. The Natural Productions and Conveniences of the Country, suited to Trade and Improvement. III. The Native Indians, their Religion, Laws and Customs, in War and Peace. IV. The present State of the Country, as to the Polity of the Government, and the Improvements of the Land. By a Native and Inhabitant of the Place. *London: Printed for R. Parker, at the Vnicorn, under the Piazza's of the Royal-Exchange*, 1705. 6 p.l., 104, 40, 64, 83, 16 p., 1 folded sheet, 2 l., 15 pl. 8°.

—— —— The Second Edition revis'd and enlarged by the Author. *London: B. & S. Tooke*, 1722. 4 p.l., 284 p., 12 l., 15 pl. 8°.

—— —— 2. ed. *London: F. Fayram, J. Clarke & T. Bickerton*, 1722. 7 p.l., 284 p., 12 l., 15 pl. 8°.

—— Histoire de la Virginie, contenant l'histoire du premier établissement dans la Virginie, les productions...Du pais...les coûtumes des Indiens... Par un auteur natif...Tr. de l'anglois... *Orleans, Paris: P. Ribou*, 1707. 4 p.l., 416 p., 9 l., 15 pl., 1 tab. 16°.

Authorship was here ascribed to "D. S.," which was taken to mean D. Stevens.

—— —— *Amsterdam: T. Lombrail*, 1707. 4 v. in 1. 12°.

—— —— *Amsterdam: J. F. Bernard*, 1718. 4 v. in 1. 12°.

—— —— *Amsterdam: Claude Jordan*, 1718. 4 v. in 1. 12°.

Burk (John). The history of Virginia, from its first settlement to the present day. *Petersburg, Virginia: Dickson & Pescud, printers*, 1804–16. 4 v. 8°.

Vol. 4. The history of Virginia; commenced by John Burk and continued by Skelton Jones and Louis Hue Girardin. M. W. Dunnavant, printer.

Campbell (Charles). History of the colony and ancient dominion of Virginia. *Philadelphia: J. B. Lippincott & Co.*, 1860. (4) xiii–xvi, 17–765 p. 8°.

Campbell (Charles). Introduction to the history of the colony and ancient dominion of Virginia. *Richmond: B. B. Minor*, 1847. 200, viii p. 4°.

Campbell (J. W.) A history of Virginia, from its discovery till the year 1781. With biographical sketches of all the most distinguished characters that occur in the colonial, revolutionary, or subsequent period in our history. *Petersburg (Va.): J. W. Campbell*, 1873. 310 p. nar. 12°.

Cooke (John Esten). Virginia, a history of the people. *Boston: Houghton, Mifflin & Co.*, 1883. 1 p.l., xxi, 523 p. 1 map. 12°. (American Commonwealths.)

—— —— *Boston*, 1884. 4. ed. 12°.

—— —— *Boston*, 1884. 5. ed. 12°.

Doyle (John Andrew). English colonies in America. Virginia, Maryland, and the Carolinas. *New York: H. Holt & Co.*, 1882. xvi, 420 p., 1 map. 8°.

Drake (Samuel Adams). The making of Virginia and the middle colonies, 1578–1701. *New York: C. Scribner's Sons*, 1893. x, 228 p. illus. 12°.

Fiske (John). Old Virginia and her neighbours. *Boston: Houghton, Mifflin & Co.*, 1897. xxi, 318 p., 1 l., 3 maps; xvi, 422 p., 3 maps. 2 v. 8°.

—— —— *Boston: Houghton, Mifflin & Co.*, 1900. 2 v. Illustrated edition. 8°.

General History, cont'd.

Henry (William Wirt). Historical sketch of the state of Virginia. (In: Eminent and representative men of Virginia and the District of Columbia of the nineteenth century...*Madison, Wis.*, 1893. p. 371–390.) 4°.

History of the United States: No. 1, or, Uncle Philip's conversations with the children about Virginia. *New York: Harper & Bros.*, 1840. 282 p., 4 pl. 16°. (Boy's and girl's library. no. xxi.)

Howe (Henry). Historical collections of Virginia, containing a collection of the most interesting facts, traditions, biographical sketches, anecdotes, &c., relating to its history and antiquities, together with geographical and statistical descriptions. To which is appended an historical and descriptive sketch of the District of Columbia. *Charleston: S. C. Babcock & Co.*, 1845. x, 11–544 p., 15 pl., 3 port., 1 map. illus. 8°.

—— —— *Charleston: W. R. Babcock*, 1849. x, 11–544 p., 1 map, 16 pl., 5 port. 8°.

—— —— *Charleston*, 1852. 8°.

—— —— *Charleston*, 1856. x, 11–544 p., 1 map, 18 pl., 4 port. 8°.

—— —— Historical collections of Virginia. Illustrated by Thos. Addis Emmet, M.D. *New York*, 1880. 3 v. 4°.

Volume 1 consists of pages 1 to 162 of the 1852 edition, 2 of pages 163 to 349, 3 of pages 349 to 544, with index of 12 pages.

Inserted are 481 manuscripts, prints, maps, views, etc.

The important MSS. are listed in the *Calendar of the Emmet Collection*, pp. 479–482.

Howison (Robert Reid). A history of Virginia, from its discovery and settlement by Europeans to the present time...2 vols. Vol. 1. *Philadelphia: Carey & Hart*, 1846. Vol. 2. *Richmond: Drinker & Morris*, 1848. 8°.

Keith (*Sir* William). The history of the British plantations in America...Part 1. Containing the history of Virginia; with remarks on the trade and commerce of that colony. *London: Soc. for the encouragement of learning*, 1738. 4 p.l., 187 (1) p., 2 maps. 4°.

Magill (M. T.) History of Virginia, for the use of schools. new ed. *Lynchburg, Va.: J. P. Bell & Co.* [1890.] 374 p. 8°.

Maury (Dabney Herndon). Young people's history of Virginia and Virginians. *Richmond: B. F. Johnson Pub. Co.* [1904.] 248 p., 1 map, 1 pl. 8°.

Robertson (William). The history of America. Books IX. and X. Containing the history of Virginia, to the year 1688; and the history of New England, to the year 1652. *London: Strahan, etc.*, 1796. viii, 249 p., 1 l. 8°.

—— —— *Philadelphia: J. Humphreys*, 1799. xiv, 1 l., 17–196. 4°.

—— —— *Alston, Cumberland: T. Walton & Co.*, 1809. 4 v. 8°.

—— —— *Berwick: W. Gracie*, 1811. 2 v. 8°.

—— —— *London*, 1817. 4 v. 8°.

—— —— *London: Sharpe & Son*, 1820. 4 v. 8°.

—— —— *Philadelphia: Printed by Simon Probasco for the Proprietor*, 1821. 2. Am. ed. fr. 10. Lond. ed. 2 v. 8°.

—— —— *Philadelphia: R. Desilver*, 1821–2. 2. Am. ed. from 10. Lond. ed. 2 v. 8°.

—— —— *London: T. Cadell*, 1821. 3 v. 8°.

Posthumous; edited by his son. In issues above noted books IX. and X. form the last of the 2, 3, or 4 volumes.

Smith (John). The Generall Historie of Virginia, New-England, and the Summer Isles: with the names of the Adventurers, Planters, and Governours from their first beginning An: 1584, to this present 1624. With the Proceedings of those Severall Colonies and the Accidents that befell them in all their Journeys and Discoveries. Also the Maps and Descriptions of all those Countryes, their Commodities, people, Government, Customes, and Religion yet knowne. Divided into sixe Bookes. By Captaine Iohn Smith sometymes Governour in those Countryes & Admirall of New England. *London: Printed by I. D. & I. H. for Michael Sparkes*, 1624. engr. t.-p., 1–96, 105–248 p., 4 pl. f°.

This copy belonged to Thomas Penn, and has his autograph on first leaf after title. On fly-leaf is a MS. certificate that it is the copy used as evidence in the 1745 suit between the Penn and Baltimore heirs, signed by the six judges.

—— —— Another copy. 3 plates.

—— —— Another copy. 3 plates.

—— —— Another copy, without plates.

—— —— Another copy, on large paper. 4 plates.

The Brinley copy, bound in full morocco, gilt, with the royal arms stamped on the front cover and those of the Duchess of Richmond and Lenox on the back.

—— —— *London: Printed by I. D. & I. H. for Michael Sparkes*, 1626. engr. t.-p., 1–96, 105–208 p., 4 pl. f°.

"To this present" on title has "1624" changed to "1626." Portrait of Charles has a crown added and title of *Princeps* changed to *Rex*.

—— —— *London: Printed by I. D. & I. H. for Michael Sparkes*, 1627. engr. t.-p., 1–96, 105–248 p., 5 pl. f°.

Date is changed to 1627 in imprint but not in text of title. Duchess of Richmond portrait is lacking in this copy.

—— —— Another copy. 6 pl. f°.

The Pocahontas and Duchess of Richmond portraits are facsimiles.

—— —— *London: Printed by I. D. & I. H. for Edward Blackmore*, 1632. engr. t.-p., 1–96, 105–248 p., 2 pl. f°.

—— —— Another copy. 5 plates.

Portrait of the Duchess original. Pocahontas lacking.

—— —— Another copy. 6 plates.

Both portraits facsimiles.

—— —— Another copy. 6 plates.

Both portraits facsimiles.

—— —— Another copy. 6 plates and 2 facsimiles of the portraits.

Both portraits are originals, facing each is inserted a copy of each in facsimile.

—— —— From the London Edition of 1627. [*Richmond: Republished at the Franklin Press, William W. Gray, printer*, 1819.] 55–247, xi, 282 p., 3 pl. 8°.

Reprinted at the cost of Rev. John Holt Rice, D.D.

—— —— The generall History, etc. [A prospectus.] [*London*, 1623.] 4 p. f°.

Photographic facsimile (made 1906) from the original in the library of the Society of Antiquaries, London.

The library contains, in the above-described copies of the *Generall Historie* or in other form, all seven varieties of the Map of Virginia and all nine of the Map of New England.

General History, cont'd.

Mr. Lenox printed a collation of his various issues and editions in Norton's *Literary Gazette*, n. s., v. 1, p. 134a, 218c.

Smith (M. V.) Virginia, 1492–1892. A brief review of the discovery of... North America, with a history of the executives of the colony and of the commonwealth of Virginia. *Washington: W. H. Lowdermilk & Co.*, 1893. xxi, 1 l., 208, 208a–208b, 209–459 p., 1 map, 2 pl., 2 port. 8°.

Stith (William). The History of the First Discovery and Settlement of Virginia: being An Essay towards a General History of this Colony. [With: An Appendix to the First Part of the History of Virginia. Containing A collection of such ancient Charters or Letters Patent, as relate to that Period of Time, and are still extant in our public Offices in the Capitol, or in other authentic Papers and Records.] *Williamsburg: Printed by William Parks*, 1747. viii, 1–256, 247–331, v, 34 p. 8°.

Apparent duplication of pages 247–256 is due to error in pagination, not to duplication of text or of those leaves.

This copy is printed on thick paper, or better paper than that of the issues noted below. Inner border of ornament around initial E on page 1 is composed of eight scroll ornaments, that of the issues noted below is composed of straight-line stars; the ornament at top of page 1 differs also from that of the following issues.

—— —— *Williamsburg: Printed by William Parks*, 1747. viii, 331, v, 34 p. 8°.

Printed from the same types as the issue first noted, but from a different composition.

—— —— —— Another copy.

—— —— *Virginia, Printed: London, Reprinted for S. Birt in Ave-Mary-Lane*, 1753. viii, 331, v, 34 p. 8°.

Apparently printed from the same types and same composing as the second Williamsburg issue noted above.

—— —— *New York: reprinted for Joseph Sabin*, 1865. viii, viii, 331, v, 34 p. 8°. (Sabin reprints, no. 6.)

MISCELLANEOUS.

Ballagh (James Curtis). White servitude in the colony of Virginia. A study of the system of indentured labor in the American colonies. *Baltimore: Johns Hopkins Press*, 1895. 99 p. 8°. (Johns Hopkins Univ. study in hist. and pol. sci., 13. ser. vi–vii.)

Bassett (John Spencer). The relation between the Virginia planter and the London merchant. (Amer. hist. assoc. Ann. rept. for 1901, v. 1, p. 551–575. *Washington*, 1902.)

Boogher (William Fletcher). Gleanings of Virginia history. An historical and genealogical collection, largely from original sources. Compiled and published by W. F. Boogher. *Washington*, 1903. viii, 442 p., 1 l. 8°.

Bouldin (P.) The old trunk, or skeleton of colonial days. *Richmond, Va.: Andrews, Baptist & Clemmitt, printers*, 1888. 53 p. 8°.

Brenaman (J. N.) A history of Virginia conventions, with Constitution adopted by Convention of 1867–'68 and Constitution adopted by Convention of 1901–1902 appended. *Richmond: J. H. Hill Prtg. Co.*, 1902. 122, x, 1 l., 87 pp. 8°.

Brock (Robert Alonzo). The colonial Virginian. An address delivered before the Geographical and Historical Society of Richmond College, October 13, 1891. *Richmond, Va.: W. E. Jones*, 1891. 22 p. 8°.

Bruce (Philip A.) Economic history of Virginia in the 17. century. An inquiry into the material condition of the people based upon original and contemporary records. *New York: Macmillan & Co.*, 1896. 2 v. 8°.

Byrd (William). The Westover manuscripts: containing the history of the dividing line betwixt Virginia and North Carolina; a journey to the land of Eden, A. D., 1733; and a progress to the mines. Written from 1728 to 1736, and now first published. *Petersburg: E. & J. C. Ruffin, printers*, 1841. iv, 143 (1) p. 8°.

—— The writings of "Colonel William Byrd of Westover in Virginia Esqr." Edited by J. S. Bassett. *New York: Doubleday, Page & Co.*, 1901. lxxxviii, 461 p., 3 pl., 1 port. 4°.

No. 39 of 500 copies printed.

Cabell (N. F.) Early history of agriculture in Virginia. *Washington, D. C.: L. Towers, pr.*, n. d. 41 p. 8°.

Calendar of State Papers. Colonial Series. Edited by W. Noel Sainsbury. v. 1, 5, 7, 9–16. (America and West Indies, 1574–1698.) *London*, 1869–1904. 8°.

Chandler (Julian Alvin Carroll). The history of suffrage in Virginia. 76 p. (Johns Hopkins Univ. Studies, ser. 19, no. 6–7. *Baltimore*, 1901.)

—— Representation in Virginia. 83 pp. *Baltimore: Johns Hopkins Press*, 1896. 8°. (Johns Hopkins Univ. Stud. hist. & polit. sci. v. 14. nos. 6 and 7.)

Chitwood (Oliver Perry). Justice in colonial Virginia. *Baltimore: The Johns Hopkins Press*, 1905. 123 (1) p. 8°. (Johns Hopkins University Studies in historical and political science, v. 23, nos. 7–8.)

Conway (Moncure Daniel). Barons of the Potomack and the Rappahannock. *New York: Grolier Club*, 1892. xvii, 290 p., 3 pl., 4 port., 3 fac-sim. 8°.

Cooke (John Esten). My lady Pokahontas, a true relation of Virginia. Writ by Anas Todkill, Puritan and Pilgrim. With notes [or rather written by John Esten Cooke]. *Boston: Houghton, Mifflin & Co.*, 1885. vi, 190 pp. 12°.

Craighill (R. T.) The Virginia "peerage"; or Sketches of Virginians distinguished in Virginia's history. *Richmond: W. E. Jones, printer*, 1880. v. 1. vi, 1 l., 356 p. 8°.

Corner (J. M.), *and* E. E. SODERHOLTZ. Examples of domestic colonial architecture in Maryland and Virginia. Compiled, photographed, and published by C. and S. *Boston*, 1892. 3 p.l., 51 pl. 2. ed. f°.

Dashiell (T. Grayson). A digest of the proceedings of the conventions and councils in the diocese of Virginia. *Richmond: W. E. Jones*, 1883. vii, 431 pp. 8°.

[**Davis** (John).] The first settlers of Virginia, an historical novel exhibiting a view of the rise and progress of the colony at James Town. *New York: I. Riley & Co.*, 1805. xii, 13–284 p. 2. ed. 12°.

History—Miscellany, cont'd.

Dead (The) towns of Virginia. [*Richmond*,] 1888. 5 p. 8°.

Mounted newspaper clippings from the Richmond *Critic*, Feb. 27, 1888.

De Hass (Wills). History of the early settlement and Indian wars of Western Virginia; embracing an account of...expeditions into the West, previous to 1795. Also, biographical sketches of ... actors in our border wars... *Wheeling: H. Hoblitzell*, 1851. 416 p., 1 facsim., 4 pl. 8°.

Duelling in Virginia [*Richmond*, 1888.] 2 p.l., 1-3 p. 8°.

Mounted newspaper cuttings from the Richmond *Critic*, Jan. 30, 1888.

Edwards (R.) Statistical gazetteer of the state of Virginia; embracing... topographical and historical information... with the results of the last census, population in most cases to 1854. *Richmond*, 1855. (4), 53-469 p. illus. 8°.

Eggleston (E.), *and* L. E. Seelye. Pocahontas; including an account of the early settlement of Virginia, and of the adventures of Captain John Smith. *New York: Dodd, Mead & Co.* [1879] 310 pp., 4 pl. 12°. (Famous American Indians.)

Evans (Nelson W.) Land warrants issued to Virginia soldiers. (Old Northwest Gen. Quart. vol. 7, p. 109. *Columbus*, 1904.)

Extract from a manuscript collection of annals relative to Virginia. *Washington: P. Force*, 1838. 9 p. 8°. (In: Force's Coll. of Hist'l Tracts, vol. 2, no. 6.)

Ferrar (Michael Lloyd). The Ferrar papers at Magdalen College, Cambridge. (Virginia Maga. of Hist. and Biog. v. 10, p. 130-138, 415-418, v. 11, p. 41-46. *Richmond*, 1902-03.)

Fiske (John). Virginia in the Colonial period. 8°.

Extr.: Harper's Magazine, Nov. 1882. p. 895-908.

Foote (William Henry). Sketches of Virginia, historical and biographical. *Philadelphia: W. S. Martin*, 1850. v (3), 568 p. 8°.

—— Sketches of Virginia, historical and biographical. Second series. *Philadelphia: J. B. Lippincott & Co.*, 1855. xiv, 13-596 p. 1 port. 8°.

—— —— —— 2. ed.

Gannett (Henry). A gazetteer of Virginia. *Washington: Govt. Prtg. Office*, 1904. 159, iii pp. 8°. (U. S. Geolog. Survey, Bull. 232.)

Glimpses of colonial days. [*New York: Old Dominion Steamship Co.*, 1897.] 36 l. ob. 24°.

Goodwin (M. W.) The colonial cavalier, or southern life before the Revolution. *New York: Lovell, Coryell & Co.*, 1894. 304 p. 12°.

—— —— *Boston: Little, Brown & Co.*, 1895. 1 p.l., 316 p., 1 pl. 12°.

Green (W.) The Genesis of certain counties in Virginia, from cities or towns of the same name. (In: Slaughter (Philip) A brief sketch of the life of William Green. *Richmond*, 1883. 8°. p. 98-131).

Hawks (Francis Lister). A narrative of events connected with the rise and progress of the Protestant Episcopal Church in Virginia, to which is added an appendix, containing the journals of the conventions in Virginia from the commencement to the present time. *New York: Harper & Bros.*, 1836. xvi, 17-286, 1 l., 1-332 p. 8°. Contributions to the ecclesiastical history of the United States of America.)

Hendren (S. R.) Government and religion of the Virginia Indians. 58 pp. (In: Johns Hopkins University Studies...13th series, 11 and 12.)

Henneman (John Bell). Historic elements in Virginia education and literary effort. A paper read before the Virginia Historical Society...Dec. 21, 1891. (In: Virginia Hist. Soc. Coll., new series, vol. 11, 1892, p. 25-46.)

Holmes (George F.) The Virginia colony; or, the relation of the English colonial settlements in America to the general history of the civilized world. An address delivered at the annual meeting of the Virginia Historical Society, at Richmond, Dec. 15, 1859. (Virginia Historical Reporter, 1860, v. 2, part 1, p. 19-63.)

Hunter (Robert Mercer Taliafero). Observations on the history of Virginia...delivered before the Virginia Historical Society at their eighth annual meeting, Dec. 14, 1854. *Richmond: Clemmitt & Fore, pr.*, 1885. 48 p. 8°.

Also in the Virginia Historical Reporter.

Ingle (Edward). Local institutions of Virginia. *Baltimore: Johns Hopkins Univ.*, 1885. 127 p. 8°. (Johns Hopkins Univ. studies in hist. and polit. science. 3. ser. no. 2-3.)

—— Colonial county government in Virginia. 8°.

Extr.: Mag. Amer. History, Dec., 1889. p. 532-549.

—— The parish in Virginia. 8°.

Extr.: Boogher's Repository, May, 1883. p. 177-198.

James (C. F.) Documentary history of the struggle for religious liberty in Virginia. *Lynchburg, Va.: J. P. Bell & Co.*, 1900. 272 p. 12°.

Johnston (F.) Memorials of old Virginia clerks, arranged...by counties, with...index of names and dates of service from 1634...*Lynchburg Va.: J. P. Bell Co., printers*, 1888. v, (1), 7-405 (1) xx p., 4 port. 12°.

Kingsbury (Susan M.) An introduction to the Records of the Virginia Company of London, with a bibliographical list of the extant documents. *Washington: Gov't Printg. Off.*, 1905. 1 p. l., 214 p. f°.

Land Patents (The) of Virginia. [*Richmond*, 1885-97.] 1 p.l., 10, 149 p. 8°.

From the Richmond *Critic*. Clippings mounted.

Latané (J. H.) The early relations between Maryland and Virginia. *Baltimore*, 1895. 66 p. (In: Johns Hopkins University Studies...13th ser., 3 and 4.)

McCabe (W. Gordon). Virginia schools before and after the revolution, with a sketch of Frederick William Coleman, M.A., and Lewis Minor Coleman, M.A. An address before the Society of the Alumni of the University of Virginia, June 27, 1888. *Charlottesville, Va.: Chronicle Steam Book & Job Office*, 1890. 66 p. 8°.

McGee (W J) Geography of Virginia. A supplement to Maury's Manual of geography. *New York: Univ. Pub. Co.*, 1904. 18 p. f°. (In: Maury (W. F.) Manual of geography... *New York*, 1904. f°.)

History—Miscellany, cont'd.

McIlwaine (H. R.) The struggle of Protestant Dissenters for religious toleration in Virginia. *Baltimore: Johns Hopkins Press*, 1894. 67 p. 8°. (Johns Hopkins Univ. studies. 12. ser., no. 4.)

McRae (S.) The great seal of the Commonwealth of Virginia. [*Richmond*, 1866?] 4 p. 8°.
Repr. Dec. number "Old Dominion Magazine."

Magill (M. F.) Stories from Virginia history for the young. *Lynchburg, Va.: J. P. Bell Co.* [cop. 1897] 217 p. 12°.

Martin (Joseph). A comprehensive description of Virginia, and the District of Columbia, containing a copious collection of geographical, statistical, political, commercial, religious information...by Joseph Martin. To which is added a history of Virginia, from its first settlement to the year 1754, with an abstract of the principal events from that period to the independence of Virginia, by W. H. Brockenbrough. *Richmond: J. W. Randolph*, n. d. 636 p. 8°.

—— —— *Charlottesville: J. Martin*, 1835. 636 p., 1 map. 8°.

Meade (William). Old churches, ministers, and families of Virginia. *Philadelphia: J. B. Lippincott & Co.*, 1857. 2 v. port., pl. 8°.

—— —— *Philadelphia: Lippincott*, 1872. 2 v. port., pl. 8°.

—— —— *Philadelphia: Lippincott*, 1878. 2 v. 8°.

—— A brief review of the Episcopal church in Virginia, from its first establishment to the present time; being part of an address...Fredericksburg, May 22nd, 1845. *Richmond: W. Macfarlane*, 1845. 15 pp. 8°.

Toner (J. M.) Index to names of persons and churches in Bishop Meade's Old churches..., revised by H. A. Morrison. *Washington: Southern History Association*, 1898. 63 p. 8°.

Miscellaneous papers, 1672–1865, now first printed from the manuscripts in the collections of the Virginia Historical Society, comprising Charter of the Royal African Company, 1672; Report on the Huguenot settlement, 1700; Papers of George Gilmer of Pen Park, 1775–1778; Orderly book of Capt. George Stubblefield, 1776; Career of the iron-clad, Virginia, 1862; Memorial of Johnson's Island, 1862–4; Beales' Cav. Brigade Parole, 1865; edited by R. A. Brock. *Richmond: The Society*, 1887. 4 p.l., 374 p. 4°. (Virginia Historical Society. Collections. v. 6.)

Molbech (O. C.) Pocahontas. Et Nutids billede. *Köbenhavn*, 1905. 12°.

Neill (Edward Duffield). History of the Virginia company of London, with letters to and from the first colony never before printed...*Albany: J. Munsell*, 1869. xvi, 432 p., 1 port. sq. 8°.

—— Notes on the Virginia colonial clergy. *Philadelphia*, 1877. 34 (1) p. 8°.
Reprinted from Episcopal Recorder.

—— Pocahontas and her companions: a chapter from the history of the Virginia Company of London. *Albany*, 1869. port. sq. 8°.

—— Virginia Carolorum: The colony under the rule of Charles the first and second, A. D. 1685, based upon manuscripts and documents of the period. *Albany, N. Y.: J. Munsell's Sons*, 1886. (2), 5–446 (1) p. sq. 8°. (Neill's series of Virginia history.)

—— Virginia Governors under the London Company. *Saint Paul, Minn.*, 1889. 35 p. 8°. (Macalester College Contributions. ser. 1, no. 1.)

—— Virginia as a penal colony. (Hist. Maga. ser. 2, v. 5, pp. 296–297. *Morrisania, N. Y.*, 1869.)

—— Virginia Vetusta during the reign of James the first. Containing letters and documents never before printed. A supplement to the history of the Virginia company. *Albany, N. Y.: J. Munsell's Sons*, 1885. xv (1), 216 p. sq. 8°.

Newton (M. M. P.) Colonial Virginia: a paper read before the Historical Congress at Chicago, July 13th, 1893, together with a series of World's Fair letters. *Richmond, Va.: West, Johnston & Co.*, 1893. 71 p. sq. 16°.

Old (The) Virginian gentleman, and A social study of our oldest colony.
Extr.: Macmillan's Magazine. June, 1883, p. 131–140; March, 1886, p. 241–349; April, 1886, p. 427–438.

P. The memory of Pocahontas vindicated against the erroneous judgment of Waddy Thompson, by A Kentuckian [signed P.]. *Washington*, 1847. 8°.

Papers relating to the history of the church in Virginia, A. D. 1650–1776. Edited by W. S. Perry. [*Hartford*,] 1870. xvii, 585 p. f°.

Pennsylvania. Old rights, proprietary rights, Virginia entries, and soldiers entitled to donation lands, with an explanation of Reed's map of Philadelphia. Edited by W. W. Egle. *Harrisburg: C. M. Busch*, 1896. 3 p.l., 3–772 p., 2 maps with 1 in pocket. (Pennsylvania archives. 3. ser., v. 3.)

Perry (William Stevens). Papers relating to the history of the church in Virginia, A. D. 1650–1776. [*Hartford*], 1870. f°.

Pocahontas. A legend. With historical and traditionary notes. *Philadelphia*, 1840. 12°.

Preston (T. L.) Historical sketches and reminiscences of an octogenarian. *Richmond: B. F. Johnson*, 1900. 170 p., 1 port. 8°.

Prince (Walter Franklin). The first criminal code of Virginia. (Amer. hist. assoc. Ann. rept. for 1899, v. 1, p. 309–363. *Washington*, 1900.)

Pritts (J.) Mirror of olden time border life; embracing a history of the discovery of America... also, history of Virginia...together with numerous sketches of frontier men...*Abingdon: S. S. Mills*, 1849. 696 p., 9 pl. [2. ed.] 8°.

Pulliam (David L.) The constitutional conventions of Virginia from the foundation of the commonwealth to the present time. *Richmond: J. T. West*, 1901. 180 p. 8°.

Ripley (William Zebina). Financial history of Virginia, 1609–1777. *New York*, 1893. 8°. (Columbia Coll. Univ. Faculty of Polit. Sci. Stud. in Hist...v. 4. no. 1.)

Robertson (Wyndham). Pocahontas, alias Motoaka, and her descendants through her marriage at Jamestown, Virginia, in April, 1614, with John Rolfe...With biographical sketches by Wyndham Robertson, and illustrative historical notes by R. A. Brock. *Richmond: J. W. Randolph & English*, 1887. viii, 84 p., 1 port. 4°.

History—Miscellany, cont'd.

St. Memin Collection of Portraits. List of Virginians engraved by him. (William and Mary Quarterly. Historical Magazine. v. 9, p. 129. 1901.)

Schlesinger (Alexander). Pocahontas, Operetta in 3 Akten und 8 Bildern von Alexander Schlesinger (Verfasser von "Der Grosse Brauer-Strike," "Sänger und Schützen," "Die Sensation des Tages," "Schwaben in Amerika," "Governor's Day," u. s. w.). Musik von [blank]. Jersey City, June, 1898. Ms., German cursive characters. 109 p., 1 l. 4°. Paper.

Typewritten note pasted inside front cover states: "My book 'Pocahontas,' written in June, 1898, has been the outcome of a bet with Guenther Kiesewetter, the well-known musician and composer. Although he possessed a printed copy of a burlesque 'Pocahontas,' produced on the stage 30 or 40 years ago, he claimed that Pocahontas will never do for heroine of a Comic Opera and was only a fit subject for Romantic Opera, an opinion shared by the late German American poet Paul Immergrün, with whom he had discussed that subject. I contended that I could write a libretto for a Comic Opera embodying the historical and serious romantic features. The result was this manuscript. Since then I have occasionally worked on that book, which will be published in both English and German in this Jamestown Ter-Centennial Year, A.D. 1907."

—— Pocahontas; or, Virginians in New York. A Historical Comedy in Three Acts and Eleven Scenes, Arranged as a Libretto for Comic Opera, including German Lyrics. Typewritten, in English. 5 p.l., 46 p. f°. Paper.

—— —— [*New York: the Author*, 1907.] 8°.

Schuricht (Herrmann). History of the German element in Virginia. *Baltimore, Md.: T. Krop & Sons, p't'rs*, 1898, 1900. 2 vol. (In: Society for the history of the Germans in Maryland, 12th, 14th annual reports, 1898, 1900.)

Semple (R. B.) A history of the rise and progress of the Baptists in Virginia. *Richmond: the Author*, 1810. vii, (1) 446, (1) pp. 8°.

Sigourney (Mrs. L. H.) Pocahontas, and other poems. By Mrs. L. H. Sigourney. *New York: Harper & Bros.*, 1841. 1 p.l., ix–xii, 13–282 p., 1 l., 2 pl. 12°.

—— —— —— 1855.

—— —— —— 1864.

Slaughter (Philip). The colonial church of Virginia. An address...at the centennial council in the city of Richmond...May, 1885. *Boston*, 1885. 8°.

Smith (John). Works. 1608–1631. *Birmingham:* [*Edward Arber*,] 1884. 1 p.l., lxxxvi, 984 p., 6 pl. 12°. (The English Scholar's Library. no. 16.)

—— The adventures and discourses of Captain J. Smith...newly ordered by J. Ashton...*London: Cassell & Co.*, n. d. xx, 309 p. 12°.

—— The Travels and Adventures of Captaine John Smith in divers parts of the world, begun about the yeere 1596. (Purchas, his Pilgrims. *London*, 1625. II, viii, 1361–1370.)

—— The true travels, adventures, and observations of Captaine John Smith, in Europe, Asia, Africa, and America, from Anno Domini 1593 to 1629... *London: Printed by J. H. for Thomas Slater*, 1630. 6 p.l., 60 p., 1 pl. f°.

Title-page has verso blank, ornament at head of A3 is same as in following two copies.

—— —— Another copy. 1 plate.

Smith arms on verso of title.

—— —— Another copy, plate lacking.

Smith arms engraved on verso of title-page.

—— —— Another copy, lacking A3, B1, and plate.

Smith arms on verso of title.

—— —— Another copy.

Smith arms on verso of title, ornament at top of A3 differs from that used in first three copies above noted.

—— —— From the London edition of 1629. *Richmond: Republished at the Franklin Press, William W. Gray, Printer*, 1819. 7 p.l., 54 p., 1 pl., 1 port. 8°.

—— —— (In: Churchill's Voyages. *London*, 1732. v. 2, pt. 1, p. 327–366. f°.)

—— —— —— (*London*, 1744. 3. ed. v 2, p. 307–346. 4°.)

—— Wonderlijcke Reyse en seltsame voorvallen, door en in verschyedene gedeelten des Weereldts. (In: Seer gedenckwaerdige voijagien...*Amsterdam*, 1678. 4°. pp. 90-104.)

—— Avontuuirlijke Reys - Togten . . . in verscheyde Gedaan des Werelds...in het Jaar 1593 en vervolgens...Door de...Resiger selfs in het Engels beschreeven... *Leyden: P. vander Aa*, 1706. 2 l., 81 (10) pp., 1 map, 3 pl. 8°. (Vander Aa's Zee en Land-Reysen. v. 21.)

—— —— *Leyden: Vander Aa* [1706]. 1 l., 44 col., 2 l., 1 map, 3 pl. f°. (Vander Aa's Voyagien der Engelsen. v. 1.)

—— De gedenkwaardige Reizen vanden beroemden Capiteyn J. Smith na Virginien; gedaan in den Jare 1606, en vervolgens... *Leyden: P. vander Aa*, 1707. 224 (22) pp., 1 map, 7 pl. 8°. (Vander Aa's Zee en Land-Reysen. v. 23. 1707.)

—— Scheeps-togt...na Virginia, in het Jaar 1606 en vervolgens, verhalende de Voortgangen en Volkplantingen der Engelsse aldaar...Als mede een... Aanwijsing van het Landschap Virginia...Door den Reysiger selfs ontdekt, beschreeven, en nu...uyt het Engelse vertaalt . . . *Leyden: P. vander Aa* [1707]. 1 l., 119 [*i. e.* 120] col., 3 l., 1 map, 7 pl. F°. (Vander Aa's Voyagien der Engelse...na Ost en West-Indien. *Leyden* [1727]. v. 1. F°.)

The title differs from that in the octavo edition, but the text, map, and plates are the same.

[Adams (Henry).] Captain John Smith. [Review of Capt. John Smith's "A true relation of Virginia." ed. by Charles Deane.] *Boston*, 1866. (North Amer. Rev. v. 104, pp. 1–30. *Boston*, 1867.)

—— —— (Chapters in Erie. *Boston*, 1879. p. 192.)

Bradley (A. G.) Captain John Smith. *London: Macmillan & Co.*, 1905. viii, 226 p., 1 map, 1 port. 12°. (English men of action.)

Captain John Smith. (In American Nepos, The: a collection of the lives of the most remarkable and the most eminent men, who have contributed to the discovery, the settlement, and the independence of America. 2d edition.) *Baltimore*, 1811. 16°.

Congratulatory (A) Poem upon the Noble Feast Made by the Ancient & Renouned Families of the Smiths. [*London*, 1640?] Broadside.

Photographic facsimile (made 1906) from the original in the British Museum.

History—Miscellany, cont'd.

HAWKS (Francis Lister). The adventures of Capt. John Smith, the founder of the colony of Virginia. *New York: D. Appleton & Co.*, 1843. 3–201 p. 16°. (Library for my young countrymen.)

HENRY (William Wirt). The rescue of Captain John Smith by Pocahontas. (Potter's American Monthly. v. 4–5, p. 523–528, 591–597. *Philadelphia*, 1875.)

Favors the Pocahontas story.

PARSONS (Harold G.) A knight of the sun. (Blackwood's Maga. v. 174, pp. 28–40. *London*, 1903.)

SIMMS (William Gilmore). Life of Captain John Smith, the founder of Virginia. 7th ed. *Philadelphia*, 1866. port., pl. 12°.

Snowden (William H.) Some old historic landmarks of Virginia and Maryland, described in a handbook for the tourist over the Washington... & Mount Vernon electric railway. *Philadelphia: J. B. Lippincott Co.*, 1894. 71 p., 20 pl. 8°.

—— —— *Alexandria: G. H. Ramey & Son*, 1902. 122 p. illus.

Stanard (W. G. *and* M. N.) The Colonial Virginia register. A list of governors, councillors, and other higher officials, and also of members of the house of Burgesses, and the revolutionary conventions of the colony of Virginia... *Albany, N. Y.: J. Munsell's Sons*, 1902. 249 p. 4°.

Taylor (James Barnett). Lives of Virginia Baptist ministers. *Richmond: Yale & Wyatt*, 1838. viii, 9–492 p. 2. ed. rev. and enl. 12°.

Temple (O. P.) The covenanter, the cavalier, and the puritan. xi, 9–260 pp. *Cincinnati: The R. Clarke Co.*, 1897. 8°.

Thacker (T.) Plantation reminiscences. n. p., 1878. 69 pp. 8°.

Thom (William Taylor). The struggle for religious freedom in Virginia: the Baptists. 105 p., map. (Johns Hopkins Univ. Studies, ser. 18, nos. 10–12. *Baltimore*, 1900.)

Thompson (G. W.) Virginia; her ancient title to the North-western territory, and her rights upon the Ohio, vindicated. *Richmond: Macfarlane & Fergusson, print.*, 1848. 16 p. 8°.

From the Southern literary messenger, April, 1848.

Thornton (John Wingate). The first records of Anglo-American colonization: their history. *Boston*, 1859. 12 pp. 8°.

Tooker (William Wallace). The Algonquian names of the Siouan tribes of Virginia. With historical and ethnological notes. *New York: F. P. Harper*, 1901. 83 p. 12°. (The Algonquian Series, no. 5.)

Trent (William Peterfield). English culture in Virginia: a study of the Gilmer letters, and an account of the English Professors obtained by Jefferson for the University of Virginia. *Baltimore*, 1889. 8°. (Johns Hopkins University Studies, Hist. and Polit. Sci. 7. ser. nos. 5–6.)

Virginia Colonial militia, 1651–1776. Edited by W. A. Crozier. *New York: The Genealogical Assoc.*, 1905. 144 p. 8°. (Virginia Record Publ. v. 2.)

Virginia.—Legislature. Colonial records of Virginia. Senate document.—(Extra.) *Richmond, Va.: [Clemmitt & Jones, printers,]* 1874. (6), viii, 9–32, (8), 37–66, (4), iii–iv, 69–106 p. 4°.

Contents:

i. The first assembly of Virginia, held July 30, 1619.
ii. List of livinge and the dead in Virginia, Feb. 16, 1623.
iii. A briefe declaration of the plantation of Virginia during the first twelve years when Sir Thomas Smith was governor of the company.
iv. A list of the number of men, women and children, inhabitants in the several counties within the Collony of Virginia in 1634.
v. A letter from Charles II, acknowledging the receipt of a present of Virginia silk, 1668.
vi. A list of the parishes in Virginia, 1680.
vii. Addenda.

Waldron (William Watson). Pocahontas, princess of Virginia: and other poems. By William Watson Waldron. *New York: Dean & Trevett*, 1841. 108 pp. 12°.

West (Gerald Montgomery). The status of the negro in Virginia during the colonial period... *New York: W. R. Jenkins* [1890?]. iv, 76 p. 4°.

Withers (Alexander Scott). Chronicles of border warfare; or, A history of the settlement by the whites, of northwestern Virginia, and of the Indian wars and massacres, in that section of the State, with reflections, anecdotes, &c. *Clarksburg, Va.: J. Israel*, 1831. 319 p., 1 l. 12°.

—— —— A new edition edited...by R. G. Thwaites, with...a memoir of the author...by L. C. Draper. *Cincinnati: Robert Clarke Co.*, 1895. 1 p.l., xx, 447 p., 1 port. 8°.

PRINCIPAL ACCESSIONS IN JANUARY.

Bibliography.

Blochet (E.) Catalogue des manuscrits persans de la Bibliothèque Nationale. Tome 1. *Paris: Imprimerie Nationale*, 1905. 8°.

Houben (Heinrich Hubert). Zeitschriften des jungen Deutschlands. Tl. 1. *Berlin: B. Behr*, 1906. 4°. (Deutsche bibliographische Gesellschaft. Bibliographiches Repertorium. v. 3.)

Lopez de Mendoza (Iñigo), *Marquis de Santillana*. La bibliothèque du Marquis de Santillane, par Mario Schiff. *Paris: E. Bouillon*, 1905. xci, 509 p., 1 l. 8°. (École prat. d. haut. étud. Bibliothèque Sci. hist. et philol. Fasc. 153.)

Savage (Ernest A.) Manual of descriptive annotation for library catalogues...With chapter on evaluation and historical note by E. A. Baker... *London: Libr. Supply Co.*, 1906. vi, 1 l., 155 p. 12°.

Biography and Genealogy.

Ainger (Alfred). The life and letters of Alfred Ainger. By Edith Sichel. *New York: E. P. Dutton & Co.*, 1906. 6 p.l., 354 p., 7 port. 8°.

Arrowsmith (George). Reminiscences and letters of George Arrowsmith of New Jersey. By John S. Applegate. *Red Bank, N. J.: J. H. Cook* 1893. 3 p.l., xiii–xiv, 1 l., 254 p., 1 port. 12°.

Balboa (Vasco Nuñez de). Vasco Nuñez de Balboa. By Frederick A. Ober. Illustrated. *New York: Harper & Bros.*, 1906. 4 p.l., 285 (1) p., 1 map, 6 pl., 1 port. 12°. (Heroes of American history.)

Bodin (Jean). Jean Bodin in seinem Beziehungen zum Judenthum. Von J. Guttman. *Breslau: M. & H. Marcus*, 1906. 1 p.l., 65 p. 8°.

Browne (Robert). The true story of Robert Browne (1550?–1633), father of Congregationalism. By Champlin Burrage. *Oxford: H. Hart*, 1906. vii, 75 p. 8°.

Churchill (*Lord* Randolph). Lord Randolph Churchill. By Earl Rosebery. *New York: Harper & Bros.*, 1906. 2 p.l., 201 (1) p., 1 port. 8°.

Correggio. By T. Sturge Moore. *London: Duckworth & Co.*, 1906. xii, 276 p., 56 pl. 12°.

Dexter family. Genealogy of the Dexter family in America. Descendants of Thomas Dexter, together with the record of other allied families. By Wm. A. Warden and R. L. Dexter. *Worcester, Mass.: [The Blanchard Press]* 1905. 353 p., 1 pl., 2 port. 8°.

Dickens (Charles). Charles Dickens. By G. K. Chesterton. With two portraits in photogravure. *London: Methuen & Co.* [1906] viii, 303 (1) p., 2 port. 2. ed. 8°.

Fanning Family. History of the Fanning family. A genealogical record to 1900 of the descendants of Edmund Fanning...who settled in Connecticut in 1653, to which is prefixed a general account of the Fanning family...from...1197 to...1652–3. By Walter Frederick Brooks. *Worcester, Mass.: Privately printed for the compiler*, 1905. 2 v. illus. 8°.

Garrick and his circle. By [Florence Mary] Parsons. With 36 illustrations. *London: Methuen & Co.* [1906.] xxiii, 417 (1) p., 2 facsim., 17 pl., 17 port. 8°.

Guarnerius (Joseph). Joseph Guarnerius, his work and his master. By Horace Petherick. *London: "The Strad" Office*, 1906. 6 p.l., 220 p., 41 pl. illus. 12°. ("The Strad" library, no. 14.)

Hamilton (Emma). Emma Lady Hamilton. From new and original sources and documents; together with an appendix of notes and new letters. By Walter Sichel. *London: A. Constable & Co.*, 1905. xxiii, 1 l., 551 (1) p., 2 facsim., 7 pl., 20 port. 2. ed. 8°.

Hearn (Lafcadio). The life and letters of Lafcadio Hearn. By Elizabeth Bisland. *Boston: Houghton, Mifflin & Co.*, 1906. 2 v. illus. 8°.

Hillman family. Ancestral chronological record of the Hillman family...1550–1905. By H. W. Hillman. *Schenectady, N. Y.*, 1905. 203 p., 14 pl., 19 port. 8°.

Huntington (Frederic Dan). Memoir and letters of Frederic Dan Huntington, first Bishop of central New York. By Arria S. Huntington. *Boston: Houghton, Mifflin & Co.*, 1906. 5 p.l., 435 (1) p., 2 pl., 2 port. 12°.

Irving (*Sir* Henry). Personal reminiscences of Henry Irving. By Bram Stoker. *London: W. Heinemann*, 1906. 2 v. illus. 8°.

Lee (Robert Edward). Life and letters of Robert Edward Lee, soldier and man. By J. William Jones. *New York: Neale Publ. Co.*, 1906. 486 p., 3 port. 8°.

Lincoln the lawyer. By Frederic Trevor Hill. *New York: The Century Co.*, 1906. xviii, 332 p., 1 pl., 1 port. illus. 8°.

Louisa, *Queen of Prussia*. Queen Louisa of Prussia. By Mary Maxwell Moffat. *London: Methuen & Co.* [1906] vii (1), 323 p., 9 pl., 14 port., 3 tab. 8°.

McGavock family. A genealogical history of James McGavock and his descendants from 1760 to 1903. By Rev. Robert Gray. *Richmond: W. E. Jones*, 1903. 175 p. 8°.

Palafox y Mendoza, Don Juan de. Su virreinato en la Neuva España, sus contiendas con los pp. Jesuitas...sus escritos escogidos, etc. *Mexico: Vda. de Ch. Bouret*, 1906. viii, 295 p. 12°. (Documentos inéditos ó muy raros para la historia de México. T. 7.)

Reed (Walter). Walter Reed and yellow fever. By Howard A. Kelly. *New York: McClure, Phillips & Co.*, 1906. xv, 1 l., 293 p., 1 port. 12°.

Rossetti (William Michael). Some reminiscences. *London: Brown Langham & Co., Ltd.*, 1906. 2 v. illus. 8°.

STROSSMAYER (Josip Jura). Nacrt zivota i djelâ biskupa J. J. Strossmayera. Tade Smiciklas. *Zagreb: Tisak Dionicke tiskare*, 1906. 1 v. 8°. (Jugoslavenska Akademija znanosti i umjetnosti.)

[Pt.] I. Izbrani njegovi spisi : govori, rasprave i okruznice.

THOMAS à Kempis. His age and book. By J. E. G. De Montmorency. *New York: G. P. Putnam's Sons*, 1906. xxiv, 312 p., 22 facsim. 8°.

TOGO, Admiral. Admiral Togo. By Arthur Lloyd. *Tokyo, Japan: The Kinkodo Pub. Co.*, 1905. 2 p.l., ii, 160 p., 1 l., 4 pl., 2 port. 12°.

WASHINGTON (George). The Americanism of Washington. By Henry Van Dyke. *New York: Harper & Brothers*, 1906. 2 p.l., 71 (1) p. nar. 16°.

AMERICA.

Andrews (Bessie Ayars). Historical sketches of Greenwich in old Cohansey. *Vineland, N. J.: Vineland Prtg. House*, 1905. 73 p. 8°.

Bayley (William H.), *and* O. O. JONES. History of the Marine Society of Newburyport, Massachusetts, from its incorporation in 1772 to the year 1906: together with a complete roster and a narrative of important events in the lives of its members. [*Newburyport: Press of the Daily News*,] 1906. 4 p.l., 5–506 p., 2 facsim., 10 pl., 18 port. 4°.

Boissonnade (Paul). Saint-Domingue à la veille de la révolution et la question de la représentation coloniale aux États Généraux (Janvier 1788–Juillet 1789). *Paris: P. Geuthner*, 1906. 299 (1) p. 4°.

Burrage (Henry Sweetser). Gettysburg and Lincoln. The battle, the cemetery, and the National Park. *New York: G. P. Putnam's Sons*, 1906. xii, 224 p., 3 plans, 19 pl., 8 port. 8°.

Carr (*Mrs.* Elizabeth Valentine Durfee), *and others*. History annals and sketches of the Central Church of Fall River, Massachusetts, A. D. 1842–A. D. 1905...Written and compiled by Mrs. William Carr, Mrs. Eli Thurston, Mrs Charles J. Holmes. Edited by Henry H. Earl. *Fall River: Printed by Vote of the Church*, 1905. xii, 331 p., 11 pl., 16 port. 8°.

Comfort (Randall), *and others*. History of Bronx Borough, city of New York, compiled for the North Side News by Randall Comfort...with collaboration of Charles D. Steurer, Charles A. D. Meyerhoff. *New York: North Side News Press*, 1906. xi, 422 p., 5 port. illus. 4°.

Cross (*Mrs.* Lucy R. H.) History of Northfield, New Hampshire, 1780–1905. *Concord, N. H.: Rumford Printing Co.*, 1905. 2 v. in 1. ill. 8°.

Cross (Arthur Lyon). A History of St. Andrew's Church, Ann Arbor, Michigan. *Ann Arbor: G. Wahr*, 1906. viii, 2 l., 175 p., 5 pl., 9 port. 12°.

Dunklee (Ivah). Burning of Royalton, Vermont, by Indians. A careful research of all that pertains to the subject, including a reprint of Zadock Steele's narrative, also a complete account of the various anniversaries and the placing of a monument commemorating the event *Boston; G. H. Ellis Co.*, 1906. 1 p.l., 7 p., 2 l., 11–88 p., 8 pl., 1 port. 8°.

Ellis (George W.), *and* J. E. MORRIS. King Philip's war. Based on the archives and records of Massachusetts, Plymouth, Rhode Island and Connecticut, and contemporary letters and accounts. With biographical and topographical notes. *New York: The Grafton Press* [1906]. xiii (1), 1 l., 326 p., 1 map, 24 pl. 12°. (Grafton historical series.)

Foster (John Watson). The practice of diplomacy as illustrated in the foreign relations of the United States. *Boston: Houghton, Mifflin & Co.*, 1906. 5 p.l., 401 (1) p. 8°.

Franklin (Frank George). The legislative history of naturalization in the United States, from the Revolutionary War to 1861. *Chicago: The University of Chicago Press*, 1906. ix, 308 p. 12°.

Garrison (George Pierce). Westward extension, 1841–1850. *New York: Harper & Bros.*, 1906. xiv, 366 p., 9 maps, 1 port. 8°. (The American nation: a history. v. 17.)

George (Paul). Das heutige Mexiko und seine Kulturfortschritte. *Jena: G. Fisher*, 1906. 3 p.l., 133 (1) p., 33 pl., 1 port. 8°. (Geographische Gesellschaft für Thüringen zu Jena. Mitteilungen: Beiheft.)

Hale (Edward Everett). Tarry at home travels. *New York: Macmillan Co.*, 1906. xxvi, 1 l., 429 p., 1 port. illus. 12°.

Hamilton (Joseph Grégoire de Roulhac). *Reconstruction in North Carolina...Columbia University. *Raleigh, N. C.* [1906] 264 p., 1 l. 8°.

Hodges (George), *and* J. REICHERT. The administration of an institutional church. A detailed account of the operation of St. George's Parish in ...New York. With introductions and comments by President Roosevelt, Bishop Potter and Dr. Rainsford. *New York: Harper Bros.*, 1906. xxii, 2 l., 323 p., 5 fac-sim., 6 pl., 1 port., 1 table. 8°.

Indian deeds of Hampden County; being copies of all land transfers from the Indians recorded in the County of Hampden, Massachusetts ... Edited by Harry Andrew Wright. *Springfield, Mass.*, 1905. 194 p. 8°.

James (George Wharton). The Wonders of the Colorado Desert (Southern California). Its rivers and its mountains...its life and its history pictured and described...With... pen and ink sketches from nature, by Carl Eytel. *Boston: Little, Brown & Co.*, 1906. 2 v. 8°.

Jones (Chester Lloyd). The consular service of the United States. Its history and activities. *Philadelphia: The J. C. Winston Co.*, 1906. ix, 126 p. 4°. (Univ. of Penna. Pub. Series in Political Economy and Public Law. No. 18.)

Lord (Eliot), J. J. D. TRENOR, *and* S. J. BARROWS. The Italian in America. *New York: B. F. Buck & Co.*, 1906. ix, 268 p., 6 pl., 1 port. 12°.

Marcaggi (Antoine). Les messages présidentiels en France et aux États-Unis. *Paris: L. Larose & L. Tenin*, 1906. viii, 183 p., 1 l. 8°.

Martinez (Albert B.), *and* LEWANDOWSKI. L'Argentine aux XXe siècle. Avec...introduction par C. Pellegrini. *Paris: A. Colin*, 1906. xxxi, 432 p., 2 maps. 12°.

Mora (José Maria Luis). Papeles ineditos y obras selectas del Dr. Mora. Cartas íntimas que durante los años de 1836 hasta 1850...etc. *México: Vda. de Ch. Bouvet*, 1906. xxii, 1 l., 251 (1) p. 12°. (Documentos inéditos ó muy raros para la historia de México. T. 6.)

Mulloy (Martin J.) The Irish in America one thousand years before Columbus. *Boston: Angel Guardian Press*, 1906. 2 p.l., 146 p. 12°.

Palmer (Wilson). Reminiscences of Candia. *Cambridge: The Riverside Press*, 1905. 3 p.l., v–vi, 1 l., 346 p., 4 pl., 33 port. 8°.

Pan-American (The) conferences and their significance. *Philadelphia*, 1906. 22 p. 8°. (American Academy of Political and Social Science: Annals [v. 27]. Supplement.)

Stocker (Rhamanthus M.) History of the First Presbyterian Society, Honesdale. *Honesdale, Pa.: Herald Press Assoc.*, 1906. vii, 336 p., 25 pl., 3 port. 8°.

Talbot (Ethelbert). My people of the plains. *New York: Harper & Bros.*, 1906. x, 2 l., 264 p., 1 l., 6 pl., 6 port. 8°.

Urban (Henry F.) Aus dem Dollarlande. *Berlin: H. Ehbock* [1906]. 248 p. 12°.

Vacano (Max Josef von), *and* Hans MATTIS. Bolivien in Wort und Bild. Aus seiner Vergangenheit, Gegenwart und Zukunft. *Berlin: D. Reimer*, 1906. viii, 234 p., 1 map. illus. 4°.

Wells (Herbert George). The Future in America. A search after realities. *New York: Harper & Bros.*, 1906. 4 p.l., 259 p., 12 pl. 8°.

Wendell (Barrett). Liberty, union and democracy. The national ideals of America. *New York: C. Scribner's Sons*, 1906. 4 p.l., 326 p., 1 l. 12°.

Wilde (Johannes). Amerika. Wanderungen eines Deutschen. [Bd.] 1. *Berlin: Allgemeiner Verein für Deutsche Literatur*, 1906. 2. ed. 8°.

[Bd.] 1. In der Mitte des Kontinents.

Williams (Thomas J. C.) A history of Washington county, Maryland...Including a history of Hagerstown...To this is added a biographical record of representative families. [*Hagerstown:*] *M. Runk & L. R. Titsworth*, 1906. 602 p., 30 pl., 4 port. 4°.

Zabel (Eugen). Bunte Briefe aus America. *Berlin: G. Stilke*, 1905. 287 (1) p. 12°.

EUROPE.

Argyll (8. *duke*), GEORGE DOUGLAS CAMPBELL. George Douglas eighth Duke of Argyll (1823–1900). Autobiography and memoirs. Ed. by the Dowager Duchess of Argyll. With portraits and illustrations. In two volumes. *New York: E. P. Dutton & Co.*, 1906. 2 v. 8°.

Arnold (William Thomas). Studies of Roman imperialism. Edited by Edward Fiddes; with memoir of the author by Mrs. Humphry Ward and C. E. Montague. *Manchester: the University Press*, 1906. 4 p.l., cxxiii, 1 l., 281 p., 1 port. 8°. ([Victoria] University, Manchester, Eng. Pub...no. 16. No. 16 forms Hist. ser. no. 4.)

Bell (*Mrs.* [Nancy R. E. Mergens]). Picturesque Brittany by Mrs. A. G. Bell. With illustrations in colour by A. G. Bell. *London: J. M. Dent & Co.*, 1906. ix, 232 p., 25 pl. 8°.

Betham (*Sir* William). Dignities, feudal and parliamentary, and the constitutional legislature of the United Kingdom. v. 1. *London: T. & W. Boone*, 1830. xx, 379 p. 8°.

No more published.

Boughton-Leigh (Bridgeman G. F. C. Ward). Memorials of a Warwickshire family... With prefatory note by Sir Hugh Gilzean-Reid. *London: H. Frowde*, 1906. xvi, 208 p., 16 pl., 3 port., 1 table. illus. 8°.

Cambridge (The) modern history. Planned by the late Lord Acton. Edited by A. W. Ward, G. W. Prothero [and] Stanley Leathes. v. 4. *Cambridge*, 1906. 8°.

v. 4. The Thirty years' war.

Colenbrander (H. T.) De Belgische omwenteling. *'s Gravenhage: M. Nijhoff*, 1905. 3 p.l., 211 (1) p. 8°.

Colenbrander (H. T.) Gedenkstukken der algemeene geschiedenis van Nederland van 1795 tot 1840. Deel 2. *'s Gravenhage*, 1906. 4°. (Rijks geschiedkundige Publicatien. v. 2.)

Conway (*Sir* Martin). No man's land. A history of Spitsbergen from its discovery in 1596 to the beginning of the scientific exploration of the country. *Cambridge: The University Press*, 1906. x, 1 l., 377 p., 3 maps, 11 pl. 8°.

Maps in pocket.

Coyecque (Ernest). Recueil d'actes notariés relatifs à l'histoire de Paris et de ses environs au xvie siècle. [v.] 1 (1498–1545). *Paris: Imp. Nationale*, 1905. 4°. (Histoire générale de Paris.)

Davey (Richard). The pageant of London. ...With forty illustrations in colour by John Fulleylove. *London: Methuen & Co.* [1906.] 2 v. 8°.

Denk (O.), *and* J. WEISS. Unser Bayerland: vaterländische Geschichte volkstümlich dargestellt. *München: Allgemeine Verlags-Gesellschaft m. b. H.* [1906.] viii, 560 p., 15 pl. illus. 4°.

Eubel (P. Konrad). Geschichte der Kölnischen Minoriten-Ordensprovinz. *Köln: J. & W. Boisserée's Buchhandlung*, 1906. iv, 332 p. 8°. (Historischer Verein für den Niederrhein [inbesondere die alte Erzdiocese Köln] Veröffentlichungen. v. 1.)

Gibbs (Philip). Men and women of the French Revolution. Illustrated with twenty-eight plates. *Philadelphia: J. B. Lippincott Co.*, 1906. xii, 389 (1) p., 13 pl., 15 port. sq. 4°.

Gorki (Maxim). Russland. Politische Betrachtungen von Maxim Gorjki. *Wien: Wiener Verlag*, 1906. 83 p. 12°.

Harvey (Alfred). Bristol, a historical and topographical account of the city. Illustrated by E. H. New. *London: Methuen & Co.* [1906] xv, 301, (1) p. 12°. (Ancient cities.)

Hervey (William). Journals of the Hon. William Hervey in North America and Europe from 1755 to 1814; with order books at Montreal, 1760–1763. With memoir and notes. *Bury St. Edmunds: Paul & Mathew*, 1906. lxxvi, 548 p., 1 map, 3 pl., 9 port. sq. 8°. (Suffolk green books. no. 14.)

Hildebrand (Friedrich). Die hanseatischen Konferenzen im Herbste 1806. *Hildensheim: A. Lax*, 1906. 84 p. 8°. (Beiträge für die Geschichte Niedersachsens und Westfalens. Heft 4.)

Jentsch (Fr.) Untersuchungen über die Verhältnisse des deutschen Eichenschälwaldbetriebes. Ausgeführt im Auftrage des Vereins Deutscher Gerber. *Berlin: Kampffmeyer*, 1906. xii, 364 p. 8°.

Im Kampf für Russlands Freiheit. *Leipzig: Insel-Verlag*, 1906. 2 p.l., 285 (1) p. 12°.

Kaufmann (Josef). Geschichte der Stadt Deutsch Eylau. *Danzig: L. Saunier*, 1905. xii, 220 p., 2 plans. 8°. (Westpreussischer Geschichtsverein. Quellen und Darstellungen zur Geschichte Westpreussens. no. 4.)

Maerz (Johannes). Die Fayencefabrik zu Mosbach in Baden. *Jena: G. Fischer*, 1906. 3 p.l., 110 p. 8°. (Volkswirtschaftliche u. wirtschaftsgeschichtliche Abhl. n. F., Heft 7.)

Mathieson (William Law). Scotland and the union. A history of Scotland from 1695 to 1747. *Glasgow: J. Maclehose & Sons*, 1905. xiii, 387 p. 8°.

Molmenti (Pompeo). Venice: its individual growth from the earliest beginnings to the fall of the republic. Translated by Horatio F. Brown. *London: J. Murray*, 1906. 2 v. illus. 8°.

Muehlke (Karl). Von nordischer Volkskunst. Beiträge zur Erforschung der volkstümlichen Kunst in Skandinavien, Schleswig-Holstein, in den Küstengebeiten der Ost- und Nordsee sowie in Holland. Gesammelte Aufsätze. *Berlin: W. Ernst & Sohn*, 1906. 3 p.l., 252 p. illus. 8°.

O'Connor (G. B.) Elizabethan Ireland. Native and English. *Dublin: Sealy, Bryers & Walker* [1906?]. xvi, 294 p., 1 map. 12°.

O'Donoghue (David J.) The geographical distribution of Irish ability. *Dublin: O'Donoghue & Co.*, 1906. 3 p.l., (1) vi–xvii (1), (1) 4–333 p. 12°.

Oman (Charles William Chadwick). The great revolt of 1381. *Oxford: The Clarendon Press*, 1906. viii, 219 p., 2 maps. 8°.

Oman (Charles William Chadwick). The history of England from the accession of Richard II. to the death of Richard III. (1377–1485). *New York: Longmans, Green & Co.*, 1906. xvi, 525 p., 3 maps, 2 tab. 8°. (The political history of England...[v.] 4.)

Stubbs (William). Lectures on European history [1519–1648]. Edited by Arthur Hassall. *London: Longmans, Greene & Co.*, 1904. viii, 424 p. 8°.

Ular (Alexandre). A Russo-Chinese empire. An English version of "Un empire russo-chinois." *Westminster: A. Constable & Co.*, 1904. xix, 335 (1) p. 8°.

Verzeichnis der Burger der Stadt Bern auf 1. Januar, 1906. (Aus amtlichen Quellen bearbeitet und von der Burgerkanzlei durchgesehen.) *Bern: Stämpfli & Cie.*, 1906. xi, 399 p. 8°.

Villari (Luigi). Fire and sword in the Caucasus. *London: T. F. Unwin*, 1906. 347 p., 64 pl. 8°.

Whishaw (John). The "Pope" of Holland House. Selections from the correspondence of John Whishaw and his friends 1813–1840. Edited and annotated by Lady Seymour. With a memoir of Whishaw and an account of "The King of Clubs" by W. P. Courtney. Illustrated. *London: T. F. Unwin*, 1906. 345 (1) p., 2 pl., 7 port. 8°.

Zuylen van Nyevelt (Suzette van), *baroness*. Court life in the Dutch republic 1638–1689. *London: J. M. Dent & Co.*, 1906. 2 p.l., v–ix, 363 (1) p., 3 pl., 6 port. 8°.

Africa.

Crouse (M. Elizabeth). Algiers. *New York: J. Pott & Co.*, 1906. xii, 244 p., 23 pl., 1 port. 8°.

Dawson (Alec John). Things seen in Morocco. Being a bundle of jottings, notes, impressions, tales and tributes. *London: Methuen & Co.*, 1904. 2 p.l., vii–xi, 354 p., 1 l., 1 fac-sim., 12 pl., 2 port. 8°.

Johnston (*Sir* Harry [Hamilton].) Liberia. With an appendix on the flora of Liberia by Dr. Otto Stapf. *London: Hutchinson & Co.*, 1906. 2 v. illus. 8°.

Leyds (W. J.) The first annexation of the Transvaal. *London: T. F. Unwin*, 1906. xxi, 1 l., 378 p., 1 l.; 1 facsim., 1 map. 8°.

Sanderson (Edgar). Great Britain in modern Africa. *London: Seeley & Co.*, 1907. vii, 380 p., 1 map, 4 port. 8°.

Tiedemann (Adolf von). Mit Lord Kitchener gegen den Mahdi. Erinnerungen eines preussischen Generalstabsoffiziers an den englischen Sudan-Feldzug. *Berlin: C. A. Schwetschke & Sohn*, 1906. 2 p.l., 206 p., 5 port. 8°.

Asia, Australia, Pacific Islands.

Del Mar (Walter). India of to-day. *London: A. & C. Black*, 1905. xiv, 288 p., 32 pl. 8°.

Jackson (Abraham Valentine Williams). Persia past and present. A book of travel and research. *New York: The Macmillan Co.*, 1906. xxxi, 471 p., 1 facsim., 1 map, 2 plans, 128 pl., 1 port. 8°.

Lunet de Lajonquière (E.) Ethnographie du Tonkin septentrional rédigée sur l'ordre de M. P. Beau, par le commandant E. Lunet de Lajonquière. *Paris: E. Leroux*. 1906. 2 p.l., 384 p., 1 map, 20 pl., 5 tab. 4°.

Malcolm (Napier). Five years in a Persian town. *London: J. Murray*, 1905. xv, 272 p., 1 map, 11 pl. 8°.

Morris (J.) Makers of Japan. *London: Methuen & Co.* [1906.] xix, 330 p., 1 l., 7 pl., 17 port. 8°.

Spaits (Alexander). Mit Kosaken durch die Mandschurei. Erlebnisse im russisch-japanischen Kriege. Mit 132 Illustrationen nach eigenen photograph. Aufnahmen. *Wien: C. Konegen*, 1906. 2 p.l., 372 p., 1 pl. 8°.

Wirth (Albrecht). Geschichte Asiens und Osteuropas. *Halle a S.: Gebauer-Schwetschke Druckerei u. Verlag*, 1905. 4 p.l., 668 p., 1 map. 8°.

Jews.

Alexander (Louis A.) The Drama of Blood, performed by Russia on the world's stage in the light of the twentieth century. *New York: The Author* [1906]. 5 p.l., 3–222, xiv p., 1 port. 8°.
Schiff Collection.

Baskerville (Beatrice C.) The Polish Jew. His social and economic value. *New York: The Macmillan Co.*, 1906. 6 p.l., 3–336 p., 1 map. 8°.
Schiff Collection.

Berg (Alexander). Juden-Bordelle. Enthüllungen aus dunklen Häusern. *Berlin: P. Heichen* [1850?]. 42 p. 4. ed. 12°.
Schiff Collection.

Cohn (Joseph). Gems from the Midrash; or, Hebrew literature for schools and homes; written in English and German in a most interesting and attractive style of poetry. English translation revised by V. S. D. Aaronson...[*New York: The Friedman Print*,] 1906. 295 p., 2 l. 12°.
Schiff Collection.

Genung (John Franklin). The Hebrew literature of wisdom in the light of to-day. A synthesis. *Boston: Houghton, Mifflin & Co.*, 1906. xviii, 3 l., 3–408 p., 1 l. 8°.
Schiff Collection.

Schwartz (E.) Christliche und jüdische Ostertafeln. *Berlin: Wiedmanns Buchhandlung*, 1905. 195 (1) p., 1 l., 3 pl. sq. 4°. (Königl. Ges. d. Wiss. zu Göttingen. Abhd. phil.-hist. Kl. N. F., Bd. 8. No. 6.)
Schiff Collection.

Weiss (Max). Katalog der hebräischen Handschriften und Bücher in der Bibliothek des Professors...David Kaufman...Beschrieben von Max Weiss. *Frankfurt a. M.: J. Kauffman*, 1906. 2 p.l., 199, 80 p., 1 l. 8°.
Schiff Collection.

Art.

Ehrenberg (Hermann). Handbuch der Kunstgeschichte...*Leipzig: J. J. Weber*, 1906. x, 533 (1) p. illus. 6. ed. 16°. (Webers illustrierte Handbücher. Bd. 87.)

Kidder (Frank Eugene). Churches and Chapels. Their arrangements, construction and equipment, supplemented by plans...arrangement and cost...*New York: W. T. Comstock*, 1906. 179 p., 67 pl. illus. ob. 12°.

Malkowsky (Georg). Ernst Herter. Beitrag zur Geschichte der Berliner Bildhauerschule...Mit 86 Text- 8 Vollbildern und einer farbigen Kunstbeilage. *Berlin: H. J. Meidinger*, 1906. viii, 146 p. 1 l. 4°

Nicholson (Watson). The struggle for a free stage in London. *Boston: Houghton, Mifflin & Co.*, 1906. xii, 1 l., 475 (1) p. 12°.

Music.

Abele (Hyacinth). The violin & its story: or the history & construction of the violin. Translated and adapted from the German...by G. Alwyn. *London: "The Strad" Office*, 1905. 4 p.l., 119 (1) p., 1 l., 2 pl. illus. 12°. ("The Strad" Library, No. 15.)

Baughan (Edward Algernon). Music and musicians. *New York: John Lane Co.*, 1906. 324 p., 1 l. 12°.

Kobbé (Gustav). How to appreciate music. *New York: Moffat, Yard & Co.*, 1906. 275 p. 8°.

Mason (Daniel Gregory). The romantic composers. *New York: The Macmillan Co.*, 1906. xi, 353 p., 7 port. 12°.

Tappert (Wilhelm). Sang und Klang aus alter Zeit. Hundert Musikstücke aus Tabulaturen des xvi. bis xviii. Jahrhunderts. Gesammelt und übersetzt von W. Tappert. Mit dem Portrait des letzten Lautenisten Christian Gottlieb Scheidler. *Berlin: L. Liepmannssohn* [1906]. xvi, 129 p. ob. 8°.

Zimmermann (Felix). Beethoven und Klinger; eine vergleichendästhetische Studie. *Dresden: Gerhard Kühtmann*, 1906. 51 (1) p. 4°.

American and English Literature.

Bates (Arlo). Talks on teaching literature. *Boston: Houghton, Mifflin & Co.*, 1906. 4 p.l., 247 p., 1 l. 12°.

Booth (Maud Ballington). Twilight fairy tales. *New York: G. P. Putnam's Sons*, 1906. xl, 273 p., 16 pl. 8°.

Davis (Richard Harding). Farces: The dictator; The galloper; Miss Civilization. *New York: Charles Scribner's Sons*, 1906. viii, 232 p., 16 pl., 2 port. 8°.

Delevante (Michael). Panama songs. *New York: Alden Brothers*, cop. 1906. 159 p., 2 pl. 12°.

Dooley (Mr.), *pseud. of* Finley Peter Dunne. Dissertations. *New York: Harper & Bros.*, 1906. 2 p.l., 312 p., 1 l. 12°.

Dunbar (Paul Laurence). Joggin' erlong: Illustrated with photographs by Leigh Richmond Minor and decorations by John Rae. *New York: Dodd, Mead & Co.*, 1906. 119 p. illus. 8°.

Fairy (The) ring, edited by Kate Douglas Wiggin and Nora Archibald Smith. *New York: McClure, Phillips & Co.*, 1906. xvii, 445 p. 12°.

Fanshawe (Reginald). Corydon. An elegy in memory of Matthew Arnold and Oxford. *London: H. Frowde*, 1906. viii, 113 p. 12°.

Fowler (Ellen Thornycroft). Sirius and other stories. *London: Hodder & Stoughton*, 1901. vii, 437 (1) p. 12°.

Fulton (Edward). Rhetoric and composition. *New York: H. Holt & Co.*, 1906. x, 259 p. 12°.

Garnett (Richard). The twilight of the gods: and other tales. *London: J. Lane*, 1903. viii, 327 (1) p., 1 pl. 8°.

Gosse (Edmund). Modern English literature. A short history. *London: W. Heinemann*, 1905. 1 p.l., v–x p., 1 l., 420 p. 72 port. New ed. 8°.

Lee (Sidney). Shakespeare and the modern stage, with other essays. *New York: Charles Scribner's Sons*, 1906. 2 p.l., vii–xv, 251 p. 8°.

Lodge (Henry Cabot), A frontier town and other essays. *New York: C. Scribner's Sons*, 1906. 4 p.l., 274 p. 8°.

Melville (Lewis). Victorian novelists. With portraits. *London: A. Constable & Co., Ltd.*, 1906. 6 p.l., 321 (1) p., 13 port. 8°.

Rickett (Arthur). The vagabond in literature. *London: J. M. Dent & Co.*, 1906. xv (1), 2 l., 3–206 p., 1 l., 6 port. 12°.

Sarrazin (Gregor). Aus Shakespeares Meisterwerkstatt. Stilgeschichtliche Studien. *Berlin: G. Reimer*, 1906. vii, 1 l., 226 p. 8°.

Siegert (Eduard). Roger Boyle, Earl of Orrery und seine Dramen: zur Geschichte des heroischen Dramas in England. *Wien: W. Braumüller*, 1906. 4 p.l., 75 p. 8°. (Wiener Beitraege zur englischen Philologie... v. 23.)

Sill (Edward Rowland). The poetical works of E. R. Sill. Household edition. With illustrations. *Boston: Houghton, Mifflin & Co.*, 1906. xxi, 423 (1) p., 6 pl., 1 port. 8°.

Foreign Literature.

Brentano (Clemens). Gockel, Hinkel, Gackeleia. Märchen wiedererzählt von Clemens Brentano. [Dieser Neudruck der im Jahre 1838 bei Schmerber in Frankfurt a. M. erschienen Originalausgabe wurde in 300 nummerierten Exemplaren hergestellt.] *Leipzig: Im Insel-Verlag*, 1905. 2 p.l., 378 p., 15 pl. 8°.

Butterworth (Alan), *and* V. Venugopaul Chetty. A collection of the inscriptions on copperplates and stones in the Nellore district. *Madras: Government Press*, 1905. 3 v. 8°.

Chatfield-Taylor (Hobart Chatfield). Molière: a biography. With an introduction by T. F. Crane... Illustrations by Job. *New York: Duffield & Co.*, 1906. 2 p.l., vii–xxv, 434 p., 10 pl. 8°.

Churl (The) and the bird translated from the French by John Lydgate. Printed by William Caxton about 1478. *Cambridge: The University Press*, 1906. 12 l. 4°. (Facsimiles of xvth century books in the University Library of Cambridge. No. 7.)

Deutsche Schwänke. 79 kurtzweylig Schwenck- und Fatzbossen gesammlet von Leonhart Frischlin. *Leipzig: J. Zeitler*, 1906. 2 p.l., 190 p., 1 l., 1 pl. 8°.

Dracott (Alice Elizabeth). Simla village tales; or, Folk tales from the Himalayas. *London: J. Murray*, 1906. 3 p.l., ix–xiv, 1 l., 237 p., 1 l. 8 pl. 8°.

Ehrenreich (Paul). Die Mythen und Legenden Südamerikanischen Urvölker und ihre Beziehungen zu denen Nordamerikas und der alten Welt. *Berlin: A. Asher & Co.*, 1905. 4 p.l., 106 p., 1 l. 4°.

Heine (Heinrich). Heine-Briefe. Gesammelt und hrsg. von Hans Daffis. Bd. 1. *Berlin: Pan-Verlag*, 1906. 12°. (Pan-Bibliothek.)

Kutscher (Arthur) Das Naturgefühl in Goethes Lyrik bis zur Ausgabe der Schriften 1789. *Leipzig: M. Hess*, 1906. x, 178 p. 8°. (Breslauer Beiträge zur Literaturgeschichte. Heft 8.)

Laou-Tsze. T'ai-Shang Kan-Ying P'ien. Treatise of the Exalted one on response and retribution. Translated from the Chinese by Teitaro Suzuki and Dr. Paul Carus... Edited by Dr. Paul Carus. *Chicago: Open Court Pub. Co.*, 1906. 2 p.l., 139 p., 1 port. illus. 8°.

Maspero (Gaston Camille Charles). Les contes populaires de l'Egypte ancienne. *Paris: E. Guilmoto* [1906]. lxxii, 276 p. 3. ed. 8°.

Mistral (Frédéric). Moun espelido, memòri e raconte.—Mes origines, mémoires et récits.—Texte provençal et français. *Paris: Librairie Plon*, 1906. 2 p.l., 735 p., 2 port. 8°.

Orientalische Studien. Theodor Nöldeke, zum siebzigsten Geburtstag (2. März 1906.) gewidmet von Freunden und Schülern und in ihrem Auftrag herausgegeben von C. Bezold. *Giessen: A. Töpelmann*, 1906. 2 v. tab. 8°.

Schiff Collection.

Ratzel (Friedrich). Kleine Schriften. Ausgewählt und hrsg. durch Hans Helmolt. Mit einer Bibliographie von Viktor Hantzsch. *München: R. Oldenbourg*, 1906. 2 v. ports. 8°.

Sayce (Archibald Henry). Aramaic papyri discovered at Assuan. Edited by A. H. Sayce, with the assistance of A. E. Cowley, and with appendices by W. Spiegelberg and Seymour de Ricci. *London: A. Moring, Ltd.*, 1906. 79 p., 27 pl. f°.

Scher (Addai), *archevêque.* Catalogue des manuscrits syriaques et arabes conservés dans la Bibliothèque Épiscopale de Sécret (Kurdistan) avec notes bibliographiques. *Mossoul: Imp. des Pères Dominicains*, 1905. 101 (1) p. 12°.

Schiff Collection.

Schuyler (Montgomery). A bibliography of the Sanskrit drama, with an introductory sketch of the dramatic literature of India. *New York: Columbia Univ. Press*, 1906. xi, 105 p. 8°. (Columbia Univ. Indo-Iranian Series. v. 3.)

Shaw (George Bernard). Dramatic opinions and essays... Containing as well a word on the dramatic opinions and essays of G. Bernard Shaw by James Huneker. *New York: Brentano's* 1906. 2 v. 12°.

Songs of Russia rendered into English verse. By Alice Stone Blackwell. [*Chicago:*] *The Author*, 1906. 12°.

Stirner (Max), *pseud. of* Kaspar Schmidt. Stirnerbrevier. Die Stärke des Einsamen. Max Stirner's Individualismus und Egoismus mit seinen eigenen Worten wiedergegeben. Auswahl und Einleitung von Dr. Anselm Ruest. *Berlin: H. Seemann Nachf.* [1906] vii, 283 (1) p. 12°.

Theocritus. The idylls and epigrams of Theocritus, Bion, and Moschus. Edited by Henry Aiken Metcalf. With an introduction by William Cranston Lawton. *Boston: The Bibliophile Society*, 1905. 3 v. 8°.

Xoros Kardasch (Bruder Hahn). Ein orientalisches Märchen- und Novellenbuch, aus den Türkischen zum ersten Mal ins Deutsche übertragen von Georg Jacob. *Berlin: Mayer & Müller*, 1906. xiv, 122 p. 12°. (Tuerkische Bibliothek. Bd. 5.)

Ziska (Franz). Oesterreichische Volksmärchen. *Wien: C. Armbruster*, 1822. vi, 1 l., (1) 10–110 p., 1 l. 16°.

Mathematical and Physical Sciences.

Adler (August). Theorie der geometrischen-Konstruktionen. *Leipzig: G. J. Göschen*, 1906. viii, 301 p. 12°. (Sammlung Schubert. [Bd.] 52.)

Arnoux (Gabriel). Arithmétique graphique. Introduction à l'étude des functions arithmétiques. *Paris: Gauthier-Villars*, 1906. 2 p.l., vii–xx, 225 p., 1 l. 8°. (Essais de psychologie et de metaphysique positives.)

Clayden (Arthur W.) Cloud studies. *London: J. Murray*, 1905. xiii, 184 p., 62 pl. 8°.

Dunton (W. F.) A treatise on the grouping of electric cells. *London: E. & F.N. Spon, Ltd.*, 1906. viii, 9–52 p. 16°.

Ewerding (Georg). Lehrbuch der Graphostatik. Mit...Figuren. *Stuttgart: F. Grub*, 1906. viii, 186 p. 8°.

Geinitz (Franz Eugen). Die Eiszeit. *Braunschweig: F. Vieweg & Sohn*, 1906. xiv, 198 p., 3 maps, 1 tab. illus. 8°. (Die Wissenschaft. Heft 16.)

Goll (Friedrich). Die Erdbeben Chiles. Ein Verzeichnis der Erdbeben und Vulkanausbrüche in Chile bis zum Ende des Jahres 1879 nebst einigen allgemeinen Bemerkungen zu diesen Erdbeben. *München: T. Ackermann*, 1904. 1 p.l., v, 1 l., 137 p., 1 plan. 8°. (Münchener geographische Studien. v. 14.)

Holzinger (F. S.) Lehrbuch der politischen Arithmetik für höhere Handelsschulen (Handelsakädemien) und zum Selbstunterricht bearb. von F. S. Holzinger. *Braunschweig: F. Vieweg u. Sohn*, 1904. ix, 156 p. 3. ed. 8°.

Hoskins (Leander Miller). A text-book on hydraulics, including an outline of the theory of turbines. *New York: H. Holt & Co.*, 1906. v, 271 p., 1 pl. illus. 8°.

La Sauce (E. de). Das Wesen des Weltäthers und der Naturkräfte, nach einer rein mechanischen Theorie erklärkt. *Berlin: C. Berg*, 1905. 52 p. 8°.

Lowell (Percival). Mars and its canal. *New York: Macmillan Co.*, 1906. xv, 393 p., 1 map, 15 pl. 8°.

Reiser (Fridolin). Das Härten des Stahles in Theorie und Praxis. *Leipzig: A. Felix*, 1906. viii, 159 p. illus. 4. ed. 8°.

Rothenbach (Fritz). Die Untersuchungsmethoden und Organismen des Gärungsessigs und seiner Rohstoffe. Mit 118 Text-abbildungen. *Berlin: P. Parcy*, 1907. xii, 237 (1) p. 8°.

Sahulka (Johann). Erklärung der Gravitation, der Molekularkräfte, der Wärme, des Lichtes, der magnetischen und electrischen Erscheinungen aus gemeinsamer Ursache auf rein mechanischem, atomistischem Wege. *Wien: C. Fromme*, 1907. 175 p. 4°.

Simmer (Hans). Die aktive Vulkanismus auf dem afrikanischen Festlande und den afrikanischen Inseln. *München: T. Ackermann*, 1906. 2 p.l., ii, 218 p. 8°. (Münchener geographische Studien. v. 18.)

Young (W. H.), *and* G. C. Young. The theory of sets of points. *Cambridge: University Press*, 1906. xii, 316 p. illus. 8°.

Biological Sciences.

Brewster (William). The birds of the Cambridge region of Massachusetts. *Cambridge, Mass.: the Nuttall Ornithological Club*, 1906. 426 p., 3 maps, 3 pl., 1 port. sq. 4°. (Nuttall Ornithological Club. Memoirs. no. 4.)

Hahn (Eduard), *and* J. Holfert. Spezialitäten und Geheimmittel. Ihre Herkunft und Zusammensetzung. Eine Sammlung von Analysen und Gutachten zusammengestellt von E. Hahn und J. Holfert. Bearbeitet von G. Arends. *Berlin: J. Springer*, 1906. iv, 488 p. 6. ed. 12°.

Jennings (Herbert Spencer). Behavior of the lower organisms. *New York: Macmillan Co.*, 1906. xiv p., 1 l., 366 p. illus. 8°. (Columbia University. Columbia Univ. biol. ser., 10.)

Mentz (A.), *and* C. H. Ostenfeld. Planteverdenen i Menneskets Tjeneste. [*Köbenhavn*] "*Frem*," 1906. 382 p. illus. 8°.

Murique (Mme.) Gymnastique des jeunes filles. Exercices callisthéniques...d'après M. Bollinger-Auer. *Paris: Hachette & Cie.*, 1906. viii, 51 p. 12°.

Pudor (Heinrich). Katechismus der Nachtkultur. *Berlin-Steglitz: H. Pudor*, 1906. 83 p. illus. 16°.

Schneider (Karl Camillo). Einführung in die Deszendenztheorie. Sechs Vorträge. *Jena: G. Fischer*, 1906. viii, 147 p., 1 l., 2 pl. illus. 8°.

Stevens (Nettie Maria). Studies on the germ cells of aphids. *Washington, D.C.: Carnegie Inst. of Wash.*, 1906. 28 p., 4 pl. 8°. (Carnegie Inst. of Wash. Pub. no. 51.)

Thorburn (William). Course of instruction in operative surgery, in the University of Manchester. *Manchester: The Univ. Press*, 1906. 3 p.l., 9–75 p. 12°. ([Victoria] Univ. Manchester, Engl. Publ. of the Univ. no. 11.)

Wilcox (Earley Vernon). Farm animals: horses, cows, sheep, swine, goats, poultry, etc. *New York: Doubleday, Page & Co.*, 1906. 4 p.l., (1) 4–357 p., 32 pl. 8°. (The farm library.)

Philology.

Berésine (E.) Recherches sur les dialectes persans. *Casan: Imp. de l'Université*, 1853. 3 pts. in 1 v. 8°.

Jagrovic (Dragan M.) Hrvatsko-Englezka... gramatika i Englezko-Hrvatski te Hrvatsko-Englezki riecnik. *New York: F. Zotti & Co.*, 1906. 7 p.l., 272 p. 16°.

Kisch (Gustav). Vergleichendes Wörterbuch der Nöser...und moselfrankisch-luxemburgischen Mundart nebst siebenbürgisch-niederrheinischem Orts- und Familiennamenverzeichnis, sowie einer Karte zur Orientierung über die Urheimat der Siebenbürger Deutschen. *Hermannstadt: W. Krafft*, 1905. 273 (1) p., 1 map. 8°. (Verein für siebenbürgische Landeskunde. Forschungen zur Volkskunde der Deutschen in Siebenbürgen... Heft 1.)

Kunz (Karl). Die Kunst die böhmische Sprache schnell zu erlernen. *Wien: A. Hartleben* [1906?]. viii, 182 p., 1 diagr. 7. ed. 12°. (Die Kunst der Polyglottie. Th. 8.)

Lange (Rudolf). Lehrbuch der Japanischen Umgangssprache. Formenlehre und die...Regeln der Syntax. *Berlin: G. Reimer*, 1906. xxxi, 802 p. 8°. (Berlin. Universität. Seminar für orientalische Sprachen. Lehrbücher. I.)

Rosenwasser (E.) Der lexikalische Stoff der Königsbücher der Peschitta unter Berücksichtigung der Varianten als eine Vorarbeit für eine Concordanz zur Peschitta alphabetisch dargestellt. *Berlin: Nathansen & Lamm*, 1905. 130 p. 8°.
Schiff Collection.

Seidel (August). Die Haussasprache. Grammatik (deutsch) und systematisch geordnetes Wörterbuch: Haussa - deutsch - französisch - englisch. *Heidelberg: J. Groos*, 1906. xvi, 292 p. 12°. (Methode Gaspey-Otto-Sauer.)
Title in German, French and English.

Sheehan (*Rev.* M.) Sean-Chaint na nDéise. The idiom of living Irish. *Dublin: M. H. Gill & Son*, 1906. viii, 279 (1) p. 12°.

Viëtor (Wilhelm). Shakespeare's pronunciation. *Marburg i. H., and London: N. G. Elwert*, 1906. 2 v. 12°.
[v. 1.] A Shakespeare phonology with a rime index to the poems, as a pronouncing vocabulary.
[v. 2.] A Shakespeare reader in the old spelling, and with a phonetic transcription.

Vodel (Friedrich). * Die konsonantischen Varianten in den doppelt überlieferten poetischen Stücken des massoretischen Textes. Inaugural-Dissertation zur Erlangung der Doktorwürde. *Leipzig: W. Drugulin*, 1905. 80 p. 8°.
Schiff Collection.

Sociology.

Bailey (William Bacon). Modern social conditions. A statistical study of birth, marriage, divorce, death, disease, suicide, immigration, etc., with special reference to the United States. *New York: The Century Co.*, 1906. 5 p.l., 3–377 p. 8°.

Beale (Joseph Henry). The law of innkeepers and hotels, including other public houses, theatres, sleeping cars. *Boston: W. J. Nagel*, 1906. xviii, 621 p. 8°.

Bell (Lilian). Why men remain bachelors, and other luxuries. *New York: J. Lane Co.*, 1906. 320 p. 12°.

Bosanquet (Helen). The family. *London: Macmillan & Co.*, 1906. vii, 344 p. 8°.

Carlile (Wilson), *and* V. W. Carlile. The continental outcast: land colonies and poor law relief. With a preface by...E. S. Talbot, D.D. *London: T. Fisher Unwin*, 1906. 2 p.l., vii–ix, 3 l., 143 (1) p., 7 pl., 1 port. 12°.

Child labor, a menace to industry, education, and good citizenship. *Philadelphia*, 1906. 1 p.l., 204 p. 8°. (American Academy of Political and Social Science: Annals, v. 27 2.)

Collings (Jesse). Land reform, occupying ownership, peasant proprietary, and rural education. With illustrations. *London: Longmans, Green & Co.*, 1906. xxiv, 452 p., 1 plan, 5 pl. 8°.

Cook (E. Wake). Betterment, individual, social and industrial; or, Highest efficiency through the golden rules of right nutrition, welfare work, and the higher industrial developments. *New York: F. A. Stokes Co.* [1906] xii, 349 p. 12°.

Eliot (Charles William). Great riches. *New York: T. Y. Crowell & Co.* [1906] 3 p.l., 38 p., 1 port. 12°.

Evans (Edward Payson). The criminal prosecution and capital punishment of animals. *London: W. Heinemann*, 1906. x, 384 p., 4 pl. 12°.

Grose (Howard B.) The incoming millions. *New York: Fleming H. Revell Co.* [cop. 1906] 1 p.l., 212 p., 8 pl. 8°. (Home mission study course. Inter-denominational.)

Hall (*Mrs.* Florence Marion Howe). Social usages at Washington. *New York: Harper & Bros.*, 1906. x, 2 l., 165 (1) p. 16°.

Hendrick (Frank). The power to regulate corporations and commerce. A discussion of the existence, basis, nature, and scope of the common law of the United States. *New York: G. P. Putnam's Sons*, 1906. 1 p.l., lxxii, 516 p. 8°.

Henry (Victor). La magie dans l'Inde antique. *Paris: Dujarrie & Co.*, 1904. xxxix, 286 p., 1 l. 12°. (Les religions des peuples civilisés.)

Hillis (Newell Dwight). The fortune of the Republic and other addresses upon the America of to-day and to-morrow. *New York: Fleming H. Revell Company* [1906]. 2 p.l., 5–33 p. 12°.

La Grasserie (Raoul de). Les principes sociologiques du droit civil. *Paris: V. Giard & E. Brière*, 1906. 2 p.l., 434 p. 8°. (Bibliothèque sociologique internationale. [v.] 34.)

Lefort (Joseph Jean). Les caisses de retraites ouvrières. *Paris: A. Fontemoing*, 1906. 2 v. 8°.

Mackaye (James). The economy of happiness. *Boston: Little, Brown & Co.*, 1906. xv, 533 p. 8°.

Mathews (Brander). American character. *New York: T. Y. Crowell & Co.*, 1906. 3 p.l., 33 (1) p., 1 port.

Parsons (Elsie Clews). The family. An ethnographical and historical outline with descriptive notes, planned as a text book for the use of college lecturers, and of directors of home-reading clubs. *New York: G. P. Putnam's Sons*, 1906. xxv, 389 p. 8°.

Posada (Adolfo). Derecho politico comparado. *Madrid: V. Suárez*, 1906. xviii, 251 p., 5 l. 12°. (Biblioteca de derecho y de ciencias sociales. [No.] 38.)

Price (William Hyde). The English patents of monopoly. *Boston: Houghton, Mifflin & Co.*, 1906. x, 1 l., 261 (1) p. 8°. (Harvard University. Economics, Dept. of. Harvard economic studies. v. 1.)

Russia.—*Statutes.* Code pénal russe ratifié par Sa Majesté Impériale le 22 mars 1903. Précédé d'un oukase impérial et d'un avis du conseil d'Etat. Traduit, annoté et précédé d'une introduction par E. Eberlin. Préface de M. E. Garçon. *Paris: A. Pedone*, 1906. 2 p.l., xxxi, 212 p. 8°. (Collection des codes étrangers, [v.] 23.)

Spargo (John). Socialism: a summary and interpretation of socialist principles. *New York: The Macmillan Co.*, 1906. xvi, 1 l., 257 p. 12°.

PRINCIPAL DONORS IN JANUARY.

	VOLS.	PMS.
Adams, Charles F.		1
Amer. Bar Assoc.	1	
Amer. Bureau of Shipping	1	1
Amer. Institute of Electrical Engineers	12	
Arctowski, Henryk		1
Atlas Portland Cement Co.	2	
Balch, Edwin S.	1	
Bender Hygienic Laboratory	1	
Bibliothèque Nationale	1	
Bodleian Library	1	
Britton, James C.		7
Burgess, Prof. John W.		1
Carnegie Foundation for Advancement of Teaching		2
Christopher, Philip C.	1	
Clitheroe, Eng., Town Clerk	2	1
Coal Trade Journal	8	
Conn., Railroad Commis.	2	
Dana, R. H.		2
Darlington, Eng., Borough Accountant	2	
Davison Publishing Co.	1	
Emmanuel Parish, Boston	1	2
Evans, J. W. (77 prints).		
France, Préfet de la Seine	12	5
Gt. Britain, Patent Office	17	
Harris, Mrs. T. L.	35	140
Harper & Bros.	1	
Harvard Club of New York	22	138
Hawaiian News Co., Ltd.	1	
Hosp. Book and Newspaper Society	102	208
Hudson, N. Y., City Clerk	6	9
India, Burma	5	37
Ipsen, L. S. (13 bookplates).		
Isle of Wight County Council	3	16
Jacobi, Dr. A.		13
Jones, Jr., Thomas S.		1
Kennard, J. S.	1	
Königl. Georg-August-Univ. zu Göttingen	47	366
Krukaff, Nicholas	1	
Leete, Joseph	1	
Mauritius, Col. Secretary	1	
Millar, Addison T. (1 print).		
Minneapolis Public Library	1	
Minnesota, Auditor of State	1	
Mons, Belgium, Le Bourgmestre	1	
Morgan, J. Pierpont	3	6
Nagle, Dr. John T.		16
Natal, Col. Secretary	1	
Nat. Congress on Uniform Divorce	1	1
Nat. Shorthand Reporters' Assoc.	1	
Nat. Slavonic Society of the United States	1	
Netherlands, Min. of Finance	1	
Netherlands, Min. van Oorlog	2	
New Jersey, State Board of Education	1	
New York City, Board of Education	2	5
New York City, Dept. of Health	3	30
New York Times	1	
Newburgh, Board of Education	1	
Noblit, John H.	1	
Norton, Eliot		5
Nürnberg, Der Magistrat	1	
Paul, Viteau	1	
Paupa Rao Naidu, M.		1
Pennsylvania League	1	
Pennsylvania State Library	15	16
Philadelphia Hospital	1	
Philadelphia, The Mayor	3	
Pitman, Isaac & Sons	3	
Platt, Hon. T. C.	2	
Princeton University		3
Royal Blind Asylum	2	
Salop, Eng., County Council	16	18
Saltonstall, Mrs. E.	21	
Sargent, George H.	1	5
Schlesinger, Alex.	9	44
Scientific American		270
Six van Hillegom, Dr. J.		1
Sovereign Grand Lodge, I.O.O.F.	4	
Stratford upon Avon, Town Clerk	1	2
Sweden, Riksgäldskontoret	232	
Taylor, W. B. A.		1
Thompson, Mrs. Frederic F.	315	
Torquay, Eng., Town Clerk	1	15
U. S. Supt. of Documents	137	228
Varnum, James M.		2

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

LIBRARY
UNIVERSITY

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

MARCH 1907

VOLUME XI · NUMBER 3

Report for February 95–98
List of Works relating to Virginia. Part II. 99–125
Principal Accessions in February 126–135
Principal Donors in February 136

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)

Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
59th Street, 113 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 569 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 2933 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. MARCH, 1907. No. 3.

REPORT FOR FEBRUARY.

REFERENCE DEPARTMENT.

During the month of February there were received at the Library by purchase, 776 volumes and 698 pamphlets; by gift, 4,149 volumes and 3,232 pamphlets; and by exchange, 3 volumes and 1 pamphlet, making a total of 4,928 volumes and 3,931 pamphlets.

There were catalogued 2,758 volumes and 1,158 pamphlets; the number of cards written was 6,668, and of slips for the copying machine 1,803; from the latter were received 13,734 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	LENOX.	ASTOR.			TOTAL.
		Day.	Evening.	Total.	
No. of readers and visitors	4,562	14,152	1,571	15,723	20,285
No. of readers	2,279	14,152	1,571	15,723	18,002
No. of readers, desk applicants	1,237	14,360	1,517	15,877	17,114
No. of volumes consulted by desk applicants	7,900	72,619	3,872	76,491	84,391
Daily average of readers	95	589	65	654	749
No. of visitors to Print Exhibition, etc.	2,934				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Longfellow's Poems, Monroe's "History of Education"; (adult fiction): Chambers's "Fighting Chance," McCutcheon's "Jane Cable," Harrison's "The Far Horizon"; (juvenile fiction): Kipling's "Puck of Pook's Hill," Dunn's "From Atlanta to the Sea," Eggleston's "Hoosier School Boy."

CIRCULATION STATISTICS FOR FEBRUARY.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	7,064	880	250	2,058	2,060	488
East Broadway, 197	22,652	4,214	1,065			311
Rivington Street, 61	17,332	9,822	561	11,209	13,363	685
Le Roy Street, 66	8,296	8,522	166	1,787	9,791	65
Bond Street, 49	8,624	763	316	2,486	3,922	241
8th Street. 135 Second Avenue	16,028	2,188	299	3,759	4,084	273
10th Street, 331 East	17,110	3,469	617	2,813	3,046	466
13th Street, 251 West	8,311	1,216	153	1,720	1,743	76
22d Street, 230 East	2,027	18	36			31
23d Street, 209 West	11,309	4,786	243			73
34th Street, 215 East	6,678	2,376	139			162
40th Street, 501 West	3,410		48			26
42d Street, 226 West	10,697	707	281			212
50th Street, 123 East	5,272	681	137	247	299	59
51st Street, 463 West	4,163	244	124	287	601	58
59th Street, 113 East	8,820	518	226	3,035	3,035	905
67th Street, 328 East	12,462	1,168	253	748	2,538	113
69th Street. 190 Amsterdam Avenue.	11,473	1,091	218	3,310	5,600	208
Travelling Libraries	70,181					1,084
77th Street. 1465 Avenue A	13,591	266	240	656	1,794	193
79th Street, 222 East	19,336	2,259	222	2,984	6,246	281
81st Street. 444 Amsterdam Avenue.	14,660	1,889	235	1,419	1,952	131
Blind Library	815		11			8
96th Street, 112 East	20,801	1,969	395	1,232	3,156	268
100th Street, 206 West	15,441	4,244	273	1,658	1,990	257
110th Street, 174 East	16,775	5,522	335	2,152	4,254	307
123d Street, 32 West	7,855	465	311	1,408	1,695	220
125th Street, 224 East	10,364	1,716	270	950	1,160	159
135th Street, 103 West	17,260	1,471	332	1,271	3,494	110
145th Street, 503 West	15,278	2,851	1,024	2,378	6,744	308
156th Street. 922 St. Nicholas Avenue.	7,536	2,651	129			140
BRONX.						
140th Street and Alexander Avenue	17,963	698	357	1,619	4,307	191
176th Street and Washington Avenue.	15,508	585	277	1,038	2,444	34
Kingsbridge Avenue, 2933	1,985	1,619	19			33
RICHMOND.						
Tottenville	2,619	826	31			37
Port Richmond	6,036	747	70	517	575	58
TOTALS	455,732	72,441	9,663	52,741	89,893	8,271

Among the gifts received during the month may be mentioned that of Worthington C. Ford, in continuation of the gift of the Gordon L. Ford collection from himself and his brother, a collection relating to bibliography, history, economics, etc., and comprising 2,900 volumes, 1,400 pamphlets, 6 maps, 14 broadsides, 7 photographs, 95 prints, and 1 oil painting.

Other gifts were from: Academia Română in Bucuresci, 9 volumes and 3 pamphlets, publications of the Academy; from John Bigelow, "The Proprium, or what of man is not his own, as revealed in the Bible and expounded by Emanuel Swedenborg, with an introduction by John Bigelow," New York, 1907, and seven copies of the Russian translation of his "Mystery of Sleep"; from Samuel Lane Boardman, "The Revolutionary journal of Colonel Jeduthan Baldwin 1775–1778," edited with a memoir and notes by Thomas Williams Baldwin, Bangor, printed for the De Burians, 1906 (no. 94 of 200 copies), and "Agricultural bibliography of Maine," by Samuel L. Boardman, Augusta, 1893; from J. McKeen Cattell, 4 pamphlets, including "A statistical study of American men of science," by himself; from the Ceská Akademie Cisare Frantiska Josefa, its elaborate "Bibliografie Ceské Historie" by Cenek Zibet, 3 volumes, Praze, 1900–1906; from James M. Coleman, a copy of his "Social Ethics," New York, 1903; from the Store Kongelige Bibliothek, Copenhagen, volume 2 of its catalogue of manuscripts, 1906; from Mrs. Henry Draper, 5 volumes, 1 pamphlet, and 230 prints—the volumes including "The first and last journeys of Thoreau, lately discovered among his unpublished journals and manuscripts edited by Franklin B. Sanborn," published at Boston, in 2 volumes, by the Bibliophile Society 1905, and one of the prints being an etching of The Colonnade, Lafayette Place, by C. F.W. Mielatz, 1907; from the Evening Post, a miscellaneous collection of documents, reports, etc., numbering 207 volumes, 13 pamphlets, and a bundle of maps; from M. N. Forney, a collection, 4 volumes, 100 pamphlets, manuscripts, and newspaper clippings, all relating to "Proportional representation"; from Paul Halpin, 13 volumes of the New York Herald, covering the period 1861 to 1866; from the class of 1881, Harvard College, its "25th Anniversary report"; from Clement S. Houghton, "Clement Topliff and his descendants in Boston," by Ethel S. Bolton, Boston, privately printed, 1906; from Edmund S. Hunt, a copy of his privately-printed "Reminiscences (Weymouth ways and Weymouth people)," Boston, 1907; from R. H. Lawrence, a gelatine print made by E. Bierstadt in 1906 from a photograph of a statuette of Benjamin Franklin in the collection of Godefroy Mayer, 41 rue Blanche, Paris; from the Publishers' Weekly, a miscellaneous collection of 153 volumes and 76 pamphlets, all recent publications; from Mrs. Anna Parker Pruyn, Charles S. Hamlin's edition of "The act to regulate commerce (as amended) and acts supplementary thereto indexed, digested, and annotated," Boston, 1907; from Archbishop Tikhon, a copy of Miss Isabel F. Hapgood's translation of the "Service book of the Holy Orthodox-Catholic Apostolic (Greco-Russian) Church," Boston, 1906; from the Ulster Society for Promoting the Education of the Deaf and Dumb and the Blind, 20 of their reports, and from H. W. B. Whayman, one copy of "Pittsburgh and Pennsylvania Genealogies," vol. 1, Pittsburgh, 1906. Gifts for the German-American collection were received from Edward E. Neugebauer, C. O. Schoenrich, and Alcaeus Hooper.

The selection of photographs from the A. A. Hopkins collection was withdrawn from exhibition at the LENOX branch on February 26; the Leroy Milton Yale etchings at that branch and the plates at ASTOR from Martin's "Oriental Carpets" and from Hopkinson Smith's "Venice" remained unchanged.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: CHATHAM SQUARE, St. Valentine's Day; EAST BROADWAY, Birthdays of celebrated men and women, Opera scores, Victor Hugo; RIVINGTON STREET, Jeanne d'Arc; HUDSON PARK, Wild animals; BOND STREET, Switzerland, India, Alsace, Life-saving service; OTTENDORFER, Fairy tales, Deutsche Historische Romane; EPIPHANY, English authors; MUHLENBERG, Peru, South America, Napoleon, Pictures of famous works of art; 67TH STREET, Reading list for older boys and girls; RIVERSIDE, Indians, Music, English literature, French literature; 96TH STREET, King Arthur, Jamestown settlement; AGUILAR, European travel, Sociology, Useful arts; HARLEM LIBRARY, In Dickens' land; 125TH STREET, Photography; HAMILTON GRANGE, Success, The sandman, The bumble bee; MOTT HAVEN, Indian stories; TREMONT, Cathedral churches of England; PORT RICHMOND, Ships and shipping; TOTTENVILLE, Our presidents.

In addition there were bulletins on George Washington at twenty-six branches, on Abraham Lincoln at twenty-four branches, on Henry W. Longfellow at twenty branches, on new books at five branches, lists in connection with public lectures at two branches, and on the Metropolitan Museum of Art at two branches.

At the regular meeting of the Board of Trustees held February 13, Edward F. Sheldon, Esq., was chosen to fill the vacancy caused by the death of Philip Schuyler.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO VIRGINIA.

PART II.

HISTORY BY PERIODS.

This list does not include records of the Spanish exploration of the Virginia coast, Ayllon's attempt at settlement, etc. The Library has sources for this part of Virginia history in the works of Navarrete, Herrera, Gomara, the Gentleman of Elvas, the *Documentos Ineditos*, etc., etc.

For the early English explorations and settlements in New England or "the North Plantation of Virginia," the Library has reports in the original editions by nearly all the early navigators, such as Brereton, Rosier, Gosnold, etc.

Hakluyt (Richard). The Voyages and Navigations of the English nation to Virginia, and the severall discoveries thereof chiefly at the charges of...Sir Walter Ralegh...together with the successe of the English colonies there planted; as likewise a description of the Countrey, with the Inhabitants, and the manifold commodities... (In his: Principal Navigations. *London*, 1600. v. 3, pp. 243–295.)

Robinson (Conway). An account of discoveries in the west until 1519, and of voyages to and along the Atlantic coast of North America, from 1520 to 1573. Prepared for "The Virginia Historical and Philosophical Society," by C. Robinson. ...*Richmond: Shepherd & Colin*, 1848. xv (1), 491 p. 8°.

The Ralegh Colony.

Letters Patent (The) granted by the Queenes Majestie to M. Walter Ralegh, now knight, for the discovering and planting of new lands and countries, to continue the space of 6. yeeres and no more. [25 March, 1584.] (Hakluyt's Principal Navigations. *London*, 1589. p. 725–728.)

—— —— (*idem*. *London*, 1600. v. 3, p. 243–346.)

—— —— (Hazard's Collection of State Papers. v. 1, p. 33–38. *Philadelphia*, 1792.)

—— —— (Hawks' History of North Carolina. *Fayetteville*, 1857. v. 1, p. 11–17.)

Barlowe (Arthur). The first voyage made to the coasts of America, with two barks, where in were Captaines Philip Amadas, and M. Arthur Barlowe, who discovered part of the countrey now called Virginia, Anno 1584. Written by one of the said Captaines, and sent to Sir Walter Ralegh knight, at whose charge and direction, the said voyage was set forth. (Hakluyt's Principal Navigations. *London*, 1600. v. 3, p. 246–251.)

—— —— (Pinkerton's General Collection of Voyages and Travels. *London*, 1812. v. 12, p. 564–628.)

—— —— (Hawks' History of North Carolina. *Fayetteville*, 1857. vol. 1, p. 69–88.)

Lane (Ralph). [Letters to Sir Francis Walsingham, 12 Aug. (two), and 8 Sept. 1585, and to Sir Philip Sidney, 12 Aug. 1585.] (Archæologia Americana. *Worcester*, 1860. v. 4, p. 8–18.)

—— —— An extract of Master Ralph Lanes letter to M. Richard Hakluyt Esquire, and another Gentleman of the middle Temple, from Virginia [dated "From the new Fort in Virginia this third of September, 1585]. (Hakluyt's Principal Navigations. v. 3, p. 254–255.)

—— —— (Hawks' North Carolina. v. 1, p. 105–6.)

Grenville (*Sir* Richard). The voyage made by Sir Richard Grenville, for Sir Walter Ralegh, to Virginia, in the yeere 1585. (Hakluyt's Principal Navigations. *London*, 1600. v. 3, p. 251–254.)

—— —— (Hawks' History of North Carolina. v. 1, p. 89–102.)

Names (The) of those as well Gentlemen as others, that remained one whole yeere in Virginia, under the Government of Master Ralph Lane. [1585–6.] (Hakluyt's Principal Navigations. v. 3. p. 254.)

Lane (Ralph). An account of the particularities of the imployments of the English men left in Virginia by Sir Richard Greenevill under the charge of Master Ralph Lane Generall of the same, from the 17. of August 1585. until the 18. of June 1586. at which time they departed the countrey; sent and directed to Sir Walter Ralegh. (Hakluyt's Principal Navigations. v. 3, p. 255–264.)

—— —— (Hawks' History of North Carolina. v. 1, p. 103–141.)

—— Raleigh's first Roanoke Colony. (Old South Leaflets, v. 5, no. 119. *Boston*, 1902. 12°.)

Hariot (Thomas). A briefe and true report of new found land of Virginia: of the commodities there found and to be raysed, as well merchantable, as others for victuall, building and other necessarie vses for those that are and shalbe planters there, and of the nature and manners of the naturall inhabitants: Discouered by the English colony there

History, 1588–1590.

seated by Sir Richard Greinuile Knight in the yeere 1585, which remained vnder the gouernment of Rafe Lane Esquier, one of her Maiesties Esquieres, during the space of twelue monethes: at the speciall charge and direction of the Honourable Sir Walter Raleigh Knight, Lord Warden of the stanneries; who therein hath been fauoured and authorised by her Maiestie and her letters patent: Directed to the Adventurers, Fauourers and Welwillers of the action, for the inhabiting and planting there: By Thomas Hariot; seruant to the abouenamed Sir Walter, a member of the Colony, and there imployed in discouering. *Imprinted at London*, 1588. 24 ll. 4°.

—— —— (Hakluyt's Principal Navigations. *London*, 1589. p. 748–764.)

—— —— (*idem.* *London*, 1600. v. 3, p. 266–280.)

—— A briefe and true report of the new found-land of Virginia. *Francoforti ad Mœnum: Joannes Wechel*, 1590. engr. t.-p., p. 3–33; t.-p., 1 l., 1 pl., 1 l., 1 map, pl. 2–23; t.-p., 5 pl. with text, 3 l. f°. (De Bry's America, pt. 1.)

—— —— (Hawks' North Carolina. *Fayetteville*, 1857. v. 1, p. 147–190.)

—— —— [*New York: reprinted for J. Sabin & Sons*, 1871.] f°.

—— —— A briefe and true report. A reproduction of the edition printed at Frankfort, in 1590, at the expense of Theodore de Bry. Edited by W. H. Rylands. *Manchester: Holbein Society*, 1888. 4 p.l., 33 p., 11 l., 29 pl. f°. (Holbein Society facsimile reprints. v. 16.)

—— —— Narrative of the first English plantation of Virginia. First printed at London in 1588, now reproduced after De Bry's illustrated edition printed at Frankfort in 1590, the illustrations having been designed in Virginia in 1585 by John White. *London: Bernard Quaritch*, 1893. vi, 7–52 p., 39 l., 1 map, 31 pl. 8°.

—— —— With an introduction [signed "Outis," *i. e.*, Henry Stevens]. *London: privately printed*, 1900. xvii, (1), 84 p. 16°.

—— —— Thomas Hariot's "Briefe and True Report of the New Found Land of Virginia." By Luther S. Livingston. (Reprinted in facsimile in The Bibliographer. *New York*, 1902. v. 1, p. 35–46, 89–104, 123–144.)

Also issued separately.

—— Admirando narratio fida tamen, de commodis et incolarum ritibus Virginiæ, nuper admodum ab Angliis qui à Dn. R. Greinvile Equestris viro eo in coloniam anno M.D.LXXXV deducti sunt inventæ ...*Francoforti ad Mœnum: J. Wechel*, 1590. engr. t.-p., p. 3–34; t.-p., 1 l., 1 pl., 1 map, pl. 2–23, 1 blank l., t.-p., 5 pl., with text 4 l. f°. (De Bry's America, pt. 1.)

—— —— 11 other copies or issues.

—— Merveilleux et estrange rapport, toutesfoi fidele, des commoditez qui se trouvent en Virginia ...*Francoforti ad Mœnum: Joannes Wechel*, 1590. engr. t.-p., p. 3–33; t.-p., 2 l., 1 map, pl. 2–23; t.-p., 5 pl., with text, 3 l. f°. (De Bry's America, pt. 1.)

—— —— 2 other issues.

—— Wunderbarliche doch warhafftige Erklärung von der Gelegenheit und Sitten der Wilder in Virginia, welche newlich von den Engelländern so in Jahr 1585 ist erfunden worden...*Franckfort am Mayn: J. Wechel*, 1590. engr. t.-p., 1 map, p. 3–33; t.-p., 1 l., 1 pl., 1 l., pl. 2–23; t.-p., 5 pl. with text 3 l., 1 blank l. f°. (De Bry's America, pt. 1.)

—— —— 7 other issues, in 3 editions.

—— —— (p. 171–231 of M. Dresser's Historien und Bericht. *Leipzig*, 1598. 4°.)

Graphic sketches from old and authentic works, illustrating the costume, habits, and character, of the aborigines of America; together with rare and curious fragments relating to the discovery and settlement of the country. *New York: J. & H. G. Langley*, 1841. 15 p.l., 23 l., 23 pl., 1 map.

Reproduction of the drawings by John With (or Wyth or White) first engraved in DeBry's Hariot.

Stevens (Henry). Thomas Hariot; the mathematician, the philosopher, and the scholar...including biographical and bibliographical disquisitions upon...the history of "Ould Virginia." [Edited by H. N. Stevens.] *London: Privately printed*, 1900. 9 p.l., 7–214 p. 16°.

No. 80 of 162 copies.

Drake (*Sir* Francis). A summarie and true discourse of Sir Francis Drake's West Indian Voyage [1585–'86]. Wherein were taken, the towns of Saint Iago, Santo Domingo, Cartagena, and Saint Augustine. *London: Roger Ward*, 1589. 3 p.l., 37 p. 4°.

—— —— *London: Richard Field*, 1589. 2 l., 52 p., 1 map. 4°.

—— —— *London: N. Bourne*, 1652. 41 p. 4°.

—— Relation oder Beschreibung der Rheiss und Schiffahrt auss Engellandt, in die (gegen dem undergang der Sonne gelegnen) Indien gethan, Durch einen Englischen Ritter, Franciscum Drack genant ...*Gedruckt im Jahr nach Christi Geburt*, 1589. Title, 23 p., 4 maps. f°.

—— Mémoirs du voiage en Russie fait en 1586. Par Jehan Sauvage. Suivi de l'expedition de Fr. Drake en Amérique à la même époque...*Paris: A. Aubry*, 1855. x, 30 p. 12°.

On this voyage Drake brought back to England Lane, White, Hariot and the rest of Ralegh's first colony.

Third (The) voyage made by a ship sent in the yeere 1586, to the reliefe of the Colony planted in Virginia, at the sole charges of Sir Walter Ralegh. (Hakluyt's Principal Navigations. v. 3, p. 265.)

—— —— (Hawks' North Carolina. v. 1, p. 142–145.)

Fourth (The) voyage made to Virginia with three ships, in the yere 1587. Wherein was transported the second colonie. (Hakluyt's Principal Navigations. v. 3, p. 280–287.)

Page 287 gives "The names of all the men, women and children, which safely arrived in Virginia, and remained to inhabite there."

—— —— (Hawks' North Carolina. v. 1, p. 190–212.)

Fift (The) voyage of M. John White into the West Indies and parts of America called Virginia, in the yeere 1590. (Hakluyt's Principal Navigations. v. 3, p. 287–295.)

History, 1590–1607.

—— —— (Hawks' North Carolina. v. 1, p. 213–231.)

Strachey (William). The second book of the first decade of the Historie of traivaile into Virginia Britannia, entreating...of the first colonie... upon the island of Roanoak...as also of the northern colonie, seated upon the river of Sachadehoc... (Massachusetts Hist. Soc. Collections. Ser. 4, v. 1, p. 221–246. *Boston*, 1852. 8°.)

See also under 1610, below.

Original documents from the State-Paper Office, London, and the British Museum; illustrating the history of Sir Walter Raleigh's first American colony and the colony at Jamestown. With an Appendix containing a memoir of Sir Ralph Lane, the Governor of the colony of Roanoke. Edited by E. E. Hale. (In: American Antiquarian Society, Archæologia Americana. *Worcester*, 1860. v. 4, p. 1–65, 317–344.)

Bruce (Edward C.) Loungings in the footprints of the Pioneers. Raleigh and his city. (Harper's Monthly. May, 1860. v. 20, p. 721–736.)

McMillan (H.) Sir Walter Raleigh's lost colony. An historical sketch of the attempts of Sir Walter Raleigh to establish a colony in Virginia, with the traditions of an Indian tribe in North Carollna [*sic*]. Indicating the fate of the colony of Englishmen left on Roanoke Island in 1587. *Wilson, N. C.: Advance Presses*, 1888. 1 p.l., 27 p. 12°.

North Carolina.—*Public Instruction, Supt. of.* Program of exercises for North Carolina day. *Raleigh, N. C.*, 1901. 39 p. 8°.

Relates to the Ralegh colony.

Peele (W. J.) The first English settlement in America—a study in location. *Raleigh, N. C.*, 1904. 23 p., 1 pl. 12°. (North Carolina Booklet, vol. 4, no. 7.)

Sir Walter Ralegh and his colony in America... With historical illustrations, and a memoir by the Rev. Increase N. Tarbox, D.D. *Boston: Prince Society*, 1884. 4 p.l., 329 p., 2 port. sq. 8°. (Prince Society Publications, vol. 15.)

Williams (Talcott). The surroundings and site of Raleigh's colony [Roanoke island]. (Amer. hist. assoc. Ann. rpt. for 1895, p. 47–61. *Washington*, 1896.)

1603.

Canner (Thomas). A Relation of the Voyage made to Virginia, in the Elizabeth of London, a Barke of fiftie tunnes by Captaine Bartholomew Gilbert, in the yeere 1603. (Purchas his Pilgrimes. *London*, 1625. IV, viii, 1656–1658.)

1605.

Brown (Alexander). The genesis of the United States. A narrative of the movement in England, 1605–1616, which resulted in the plantation of North America by Englishmen, disclosing the contest between England and Spain for the possession of the soil now occupied by the United States of America; set forth through A Series of Historical Manuscripts now first printed; together with a reissue of rare contemporaneous tracts, accompanied by bibliographical memoranda, notes, and Brief Biographies. *Boston: Houghton, Mifflin & Co.*, 1890. xxxviii, 524 p., 3 maps, 4 pl., 52 ports.; 1 l., 525–1157 p., 4 maps, 1 pl., 51 ports. 2 v. 8°.

—— The first republic in America; an account of the origin of this nation, written from the records then (1624) concealed by the council, rather than from the histories then licensed by the crown. *Boston: Houghton, Mifflin & Co.*, 1898. xxiv, 1 l., 688 p., 1 port. 8°.

—— New views of early Virginia history, 1606–1619. *Liberty, Va.: The Bedford Index Print*, 1886. (6) 18 p. sq. 8°.

—— English politics in early Virginia. *Boston: Houghton, Mifflin & Co.*, 1901. vi, 278 p. 8°.

Marston (John). Eastward Hoe. As it was played in the Blackfriers, by the Children of her Maiesties Revels. Made by Geo. Chapman, Ben. Jonson, Joh. Marston. At London: Printed for William Aspley, 1605. (Re-printed in Marston's Works, ed. by J. O. Halliwell. *London*, 1856. v. 3, p. 1–102. 12°.)

Jamestown.

Alderman (Edwin A.) The cradle of the Republic. The project for a great exposition and naval pageant near the site of Jamestown, in Virginia .. (Munsey's Magazine. v. 34, p. 97–105. illus. *New York*, 1905.)

Celebration of the two hundred and fiftieth anniversary of the English settlement at Jamestown, May 13, 1857. *Washington: J. T. & L. Towers*, 1857. 32 p. 8°.

Hall (Edward Hagaman). Jamestown: a sketch of the history and present condition of the site of the first permanent English settlement in America, 1607–1907. *New York: Amer. Scenic and Historic Preservation Soc.*, 1902. 30 p., 2 pl. 12°.

Jamestown Jubilee Committee. Report of the proceedings of the late jubilee at Jamestown, in commemoration of May 13, the second centesimal anniversary of the settlement of Virginia, with the proceedings at Williamsburg on the 15...reported by the select committee. *Petersburg: W. F. M'Laughlin*, 1807. 48 p. 8°.

Pilgrimage (The) to Jamestown, Va., of the bishops and deputies of the general convention of the Protestant Episcopal Church in the United States of America...October 15, 1898. *New York: The De Vinne Press*, 1898. 32 p., 1 pl. 8°.

Rhode Island and Providence Plantations.—*Jamestown Ter-Centennial Commission.* Report... made to the General Assembly at its January session, 1906. *Providence, R. I.: E. L. Freeman & Sons*, 1906. 18 p. 8°.

Summers (George W.) First celebration [by the Old Dominion Society of the City of New York] of the anniversary of the settlement at Jamestown, Va., on the 13th of May, 1607. *New York: Pudney & Russell*, 1860. 109 p. 8°.

—— —— Another copy, extra-illustrated.

History, 1607–1609.

Three hundredth anniversary of the departure of the colony from England which landed at Jamestown, Virginia, May 14th, 1607...To be observed at Bruton Parish Church, Williamsburgh, Virginia, December 20th, 1906...[Historical note. Outline of service. *Williamsburg, Va.*,] 1906. 8 p., 1 l. 8°.

Tyler (Lyon Gardiner). Address on the occasion of the celebration by William and Mary College and the A. P. V. A. of the first settlement of Jamestown, May 13, 1895. [*Richmond*, 1895.] 1 p.l., 2–6 p., 1 map. 8°.

—— The cradle of the Republic: Jamestown and James River. *Richmond, Va.: Whittet & Shepperson*, 1900. 187 p., 2 maps. 8°.

United States.—*President.* A proclamation. Jamestown celebration [of the settlement at Jamestown on 13 May, 1607]. [March 29, 1905.] [*Washington*, 1905.] 1 l. F°.

Yonge (Samuel H.) The site of old "James Towne," 1607–1698. A brief historical and topographical sketch of the first American metropolis, illustrated with original maps, drawings and photographs. *Richmond, Va.: Assoc. for Preservation of Va. Antiquities*, 1904. 1 p.l., 86 p., 1 map, 3 plans, 7 pl. 8°.

—— The site of old "James Towne," 1607–1698, (Virginia Magazine of History and Biography, Vol. 11, p. 257–276, 394–414; Vol. 12, p. 33–54. 113–133. 1904.)

1606.

Virginia.—*Charter.* The first charter of Virginia, 1606. (In: Poore (B. P.) Constitutions. *Washington*, 1878. F°. p. 1888–1893.)

—— Same. (In: Stith's Virginia. v. 1, Appendix, p. 1–7; also in Hening, v. 1.)

—— Same. (In: Purchas his Pilgrimes. *London*, 1625. IV, ix, 1683–1684.)

Percy (George). Observations gathered out of a Discourse of the Plantations of the Southerne Colonie in Virginia by the English, 1606, written by that Honorable Gentleman Master George Percy. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1685–1690.)

Stoneman (John). The Voyage of M. Henry Challons intended for the North Plantation of Virginia, 1606, taken by the way, and ill used by the Spaniards. (Purchas his Pilgrimes. *London*, 1625. IV, x, 1832–1837.)

1607.

Archer (Gabriel). A Relation of the discovery of our river, from James forte into the Maine; made by Capt. Christopher Newport, and sincerely written and observed by a gentleman of the colony. [May, 1607.] (Archæologia Americana. *Worcester*, 1860. v. 4, p. 34–65.)

Original MS. in the State Paper Office. Here printed from a transcript made for George Bancroft.

Wingfield (Edward Maria). "A discourse of Virginia." [22 June, 1607–21 May, 1608.] By Edward Maria Wingfield, the first President of the colony. Now first printed from the Original Manuscript in the Lambeth Library. Edited, with Notes and an Introduction, by Charles Deane. (Archæologia Americana. *Worcester*, 1860. v. 4, p. 67–103.)

—— —— *Boston:* [*J. Wilson & Son, printer*,] 1859. 1 p.l., 44 p. 8°.

—— —— —— 1860.

List of ships arriving at Jamestown, 1607–1624. (New Eng. Hist. and Geneal. Reg. v. 30, p. 415–418. *Boston*, 1876.)

1608.

Smith (John). A trve relation of such occurrences and accidents of noate as hath hapned in Virginia since the first planting of that Collony which is now resident in the South part thereof, till the last returne from thence. Written by a Gentleman of the said Collony, to a worshipfull friend of his in England. *London: Printed for John Tappe*, 1608. 1 blank leaf, 21 l. 4°. Black letter.

—— —— Another copy. 19 l.

Line 10 of title reads: "Written by Captain Smith one of the said Collony, to a." This copy lacks the preliminary blank leaf and the two leaves: "To the Courteous Reader."

—— —— Another copy. 21 l.

Line 10 of title reads: "Written by Captain Smith Coronell of the said Collony, to a." This copy has the preface; and—in addition—5 plates from Hulsius are inserted.

—— —— A true relation of Virginia; with an introduction and notes by Charles Deane. *Boston: Wiggin & Lunt*, 1866. [4,] ix–xlvii, (5), iii–v, (1), 88 p., 1 map. 4°.

—— —— Another copy. Large paper. f°.

—— —— *New York: A. Lovell & Co.*, 1896. 1 p.l., 33 p. 12°. (American History Leaflets. no. 27.)

—— The description of Virginia by Captaine John Smith, inlarged out of his written Notes. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1691–1705.)

1609.

Archer (Gabriel). A Letter of M. Gabriel Archar, touching the Voyage of the Fleet of Ships, which arrived at Virginia, without Sir Tho. Gates and Sir George Summers, 1609. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1733–1734.)

Virginia.—*Charter.* The second charter of Virginia, 1609. (In: Poore (B. P.) Constitutions. *Washington*, 1878. f°. pp. 1893–1902.)

—— Same. (In: Stith's Virginia. v. 1., pp. 7–23; also in Hening, v. 1, p. 80.)

Good (A) speed to Virginia. [Epistle dedicatorie signed R. G.] *London: Printed by F. Kyngston for W. Welbie*, 1609. 22 l. 4°.

"To the Reader," signed "W. R."

Nova Britannia. Offring Most Excellent fruites by Planting in Virginia. Exciting all such as be well affected to further the same. [By Robert Johnson.] *London: Printed for Samuel Macham, and are to be sold at his Shop in Pauls Churchyard, at the Signe of the Bul-head*, 1609. 18 l. 4°. Black letter.

Text of the title sits below a page-wide printer's device with the English arms, and above a square device containing two

History, 1609–1612.

circles with the motto "For thov shalt labor" between them, and a man with two doves "Peace" and "Plentie" within the inner circle.

The dedication is unsigned.

—— Nova Britannia. Offering Most Excellent fruites by Planting in Virginia. Exciting all such as be well affected to further the same. *London: Samvel Macham*, 1609. 18 l. 4°. Black letter.

Line for line the titles in the two issues are identical, except for "Offring" and "Offering." In this issue last noted, however, text of title sits close to top of page; between it and imprint is a cut of a ship. Dedication is signed "R. I."

Bound with this copy is a broadside sheet, a circular sent in 1608 or 1609 to various gentlemen inviting their subscription to the stock of the Company. It begins: "Considering there is no publicke Action, being honest and good in itselfe, and which tendeth to the generall good and benefite of this Common-wealth, but that the same is also beneficiall and good in some degree, to euery particular Member thereof," etc. Line 34 has blank space left for name of town. Signed in autograph at bottom by J L Southampton, W Waad, Pembroke, Tho: Smythe, Walter Cope, Tho Lawarre, G: Coppin, Tho: Roe, R: Lisle, G: Carew.

—— —— (In: Force's Coll. of Hist'l Tracts. v. 1, no. 6. *Washington*, 1835.)

—— —— Same. (In: American Colonial Tracts ...no. 6, Oct. 1897. *Rochester: G. P. Humphrey*, 1897. 1 p.l., 28 p. 8°.)

Spelman (Henry). Relation of Virginia, 1609 [edited by James Frothingham Hunnewell]. *London: the editor*, 1872. 58 (1) p., 1 pl. sq. 24°.

Printed from the original manuscript, at the Chiswick Press, in an edition of 200 copies.

Symonds (William). Virginia. A Sermon [on Gen. 12:1, 2, 3] preached at White-Chappel, in the presence of many...the aduenturers and planters for Virginia. 25 April, 1609. Published for the benefit and vse of the Colony...*London: Printed by I. Windet for E. Edgar*, 1609. 4 p. l., 54 p. 4°.

1610.

Argall (Samuel). The voyage of Captaine Samuel Argal, from James Towne in Virginia, to seeke the Isle of Bermuda, and missing the same, his putting over toward Sagadahoc and Cape Cod, and so backe againe to James Towne, begun the nineteenth of June, 1610. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1758–1762.)

Crashaw (William). A sermon preached in London before...Lord Lawarre, Lord Gouernour of Virginea...At the said Lord Generall his... departure for Virginea...21 Feb. 1609...*London: Wm. Welby*, 1610. 46 l. 4°.

Rich (R.). Newes from Virginia (1610). A poetical tract, describing the adventures supposed to be referred to in Shakespeare's Tempest. [By R. Rich.] Reprinted from a copy supposed to be unique. Edited by J. O. Halliwell. *London: [Whittingham & Wilkins for the Editor,]* 1865. 22, 1 p. 24°.

Limited to twenty-five copies. "I destroyed fifteen copies 18 Nov, 1865. J. O. H. Ten selected copies only preserved. Number one—" Ms. note by Halliwell, at back of book.

—— Newes from Virginia (1610). A tract in verse. Reprinted after the only existing copy of the original edition. *London: Printed for private circulation*, 1874. 19 p. 4°.

Strachey (William). A true repertory of the wracke, and redemption of Sir Thomas Gates Knight; upon, and from the Ilands of the Bermudas; his comming to Virginia, and the estate of that Colonie then, and after, under the government of the Lord La Warre, July 15. 1610. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1735–1758.)

Trve (A) declaration of the estate of the Colonie in Virginia, With a confutation of such scandalous reports as have tended to the disgrace of so worthy an enterprise. Published by aduise and direction of the Councell of Virginia. *London: Wm. Barret*, 1610. 1 l., 68 p. 8°.

—— —— (In: Force's Coll. of Hist. Tracts. v. 3, no. 1. *Washington*, 1844.)

Strachey (William). The historie of travaile into Virginia Britannia [1610–12]; expressing the cosmographie and comodities of the country, together with the manners and customes of the people. Gathered and observed as well by those who went first thither as collected by William Strachey, gent., the first secretary of the colony. Now first edited from the original manuscript, in the British Museum, by R. H. Major, esq., of the British Museum. *London: Hakluyt Society*, 1849. viii, xxxvi, 2 l., 203 p., 1 facsim., 1 map, 5 pl. 8°. (Hakluyt Society, Works, no. 6.)

Pp. 183–196 contain "A dictionarie of the Indian language."

—— —— [MS. transcript, made probably in England about 1850.] 220 p. f°. Morocco.

1611.

Delaware (12. *Baron*), THOMAS WEST. The relation of...the Lord De-La-Warre, lord gouernour and captaine generall of the colonie, planted in Virginea. *London: Printed by W. Hall for W. Welbie*, 1611. 9 l. 4°.

—— —— (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1762–1764.)

—— —— [*Reprinted, New York*, 1867.] 9 l. 4°.

Virginia.—*Charter*. The third charter of Virginia, 1611–12. (In: Poore (B. P.) Constitutions. *Washington*, 1878. f°. pp. 1902–1908.)

—— Same. (In: Stith's Virginia, v. 1, pp. 23–32; also in Hening, v. 1, p. 98.)

1612.

New (The) life of Virginea: declaring the former successe and present estate of that plantation, being the second part of Noua Britannia [by Robert Johnson]. Published by authoritie of his Majesties Counsell of Virginea. *London: F. Kyngston for William Welby*, 1612. 28 l. 8°.

—— —— (In: Force's Coll. of Hist'l Tracts. v. 1, no. 7. *Washington*, 1835.)

—— —— (In: American Colonial Tracts, no. 7. Nov. 1897. *Rochester: G. P. Humphrey*, 1897. 1 p.l., iv, 20 p. 8°.)

—— —— (Mass. Hist. Soc. Collections. ser. 2, v. 8, p. 199–227. *Boston*, 1819.)

Smith (John). A Map of Virginia. With a Description of the Covntrey, the Commodities, People, Government, and Religion. Written by Captaine Smith, sometimes Governour of the Coun-

History, 1612–1619.

trey. Wherevnto is annexed the proceedings of these Colonies, since their first departure from England, with the discovrses, Orations. and relations of the Salvages, and the accidents that befell them in all their Iournies and discoveries. Taken faithfully as they were written out of the writings of Doctor Rvssell, Tho. Stvdley, Anas Todkill, Ieffra Abot, Richard Wiefin, Will. Phettiplace, Nathaniel Powell, Richard Potts. And the relations of divers other diligent observers there present then, and now many of them in England, by W[illiam] S[trachey]. *At Oxford: Printed by Joseph Barnes*, 1612. 4 p.l., map, 39 p., 2 l., 110 p. 4°.

Second title following p. [40]: The proceedings of the English Colonie in Virginia . . .

—— —— Another copy; inserted is a printed dedication leaf to Edward Semer, Earl of Hartford, whose arms are on the cover. Inserted in this copy is also a photograph of a printed dedication leaf in another copy, dedication being made to a different person than Earl Hartford.

Proceedings (The) of the English Colony in Virginia, taken faithfully out of the writings of Thomas Studly Cape-Merchant, Anas Todkill, Doctor Russell, Nathaniel Powell, William Phetiplace, and Richard Pot, Richard Wiffin, Tho. Abbay, Tho. Hope; and since enlarged out of the Writings of Capt. John Smith, principall Agent and Patient in these Virginian Occurrents, from the beginning of the Plantation 1606, till Ann. 1610, somewhat abridged. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1705–1733.)

Strachey (William). The proceedings of the English Colonie in Virginia since...1606...taken ...out of the writings of Thomas Studley...[and others]. By W. S. [*i. e.*, William Strachey.] *Oxford: J. Barnes*, 1612. 2 l., 110 p. 4°.

Really the second part of Smith's "Map of Virginia."

—— For the colony in Virginea Britannia. Lawes diuine, morall and martiall, &c...*London: Printed for Walter Burre*, 1612. 68 p. 8°. (Force's Coll. of Hist'l Tracts, vol. 3, no. 2. *Washington*, 1844.)

1613.

Argoll (Samuel). A Letter of Sir Samuel Argoll touching his Voyage to Virginia, and Actions there: Written to Master Nicholas Hawes. June, 1613. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1764–1765.)

Whitaker (Alexander). Good newes from Virginia. Sent to the covnsell and Company of Virginia... From Alexander Whitaker... [Epistle Dedicatorie by W. Crashaw.] *London: F. Kyngston for W. Welby*, 1613. 13 l., 44 p. 4°.

Smyth, of Nibley, papers. Virginia papers, 1613–1634. The manuscript coll'ns of John Smyth of Nibley Glocestersh., the author of the "Lives of the Berkeleys," one of the original Adventurers in the promotion of plantations and settlements in the second Virginian colony. With some papers of later date added. 84 originals and contemporary transcripts, 1613–1679. f°. Morocco.

—— —— (Calendared in Bulletin of the New York Public Library. v. 1, p. 186–190. *New York*, 1897.)

—— —— (Printed, almost entire, in Bulletin of the New York Public Library. v. 3, p. 160–208, 248–276. *New York*, 1899.)

1614.

Dale (Sir Thomas). A Letter of Sir Thomas Dale, and another of Master Whitakers, from James Towne in Virginia, June 18, 1614. And a piece of a Tractate, written by the said Master Whitaker from Virginia the yeare before. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1768–1773.)

Robertson (Wyndham). Pocahontas, alias Motoaka, and her descendants through her marriage at Jamestown, Virginia, in April, 1614, with John Rolfe...With biographical sketches by Wyndham Robertson, and illustrative historical notes by R. A. Brock. *Richmond: J. W. Randolph & English*, 1887. viii, 84 p., 1 port. 4°.

—— The marriage of Pocahontas: notes on the date of Pocahontas' marriage and some other incidents of her life. (Hist. Maga. v. 4, pp. 289–297. *New York*, 1860.)

Hamor (Raphe). A true discourse of the present estate of Virginia and the successe of the affaires there till the 18 of June, 1614. Together with a relation of the severall English Townes and fortes, the assured hopes of that countrie and the peace concluded with the Indians. The Christening of Powhatan's daughter and her marriage with an Englishman... *Printed at London by John Beale for William Wellby dwelling at the signe of the Swaune in Pauls Church-yard*, 1615. 4 p.l., 69 p. 4°.

—— —— Another copy, with typographical variations on page 60.

—— —— (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1766.)

—— —— [Reprinted at Albany, 200 copies, by Joel Munsell, for Charles Gorham Barney of Richmond.] 1860. 8, 69 (1) p. f°.

—— —— —— Another copy, large paper.

—— Dreyzehente Schiffahrt Darinnen Ein Warhafftiger und Gründlicher Bericht, von dem jtzigen Zustand der Landtschafft Virginien... Erstlicher in Engelischer Sprach durch Raphe Hamor...beschrieben...*Hanaw: In Verlegung der Hulsischen*, 1617. 76 p., 1 map, 4 pl. 4°.

—— —— Another issue, with slight typographic variations on title-page and two following leaves.

1617.

Rolfe (John). [Account of Virginia in 1617.] (Abbreviated by Purchas in his Pilgrimage. *London*, 1617. 3. ed. p. 946–8.)

—— —— (Southern Literary Messenger. v. 5, p. 401–406. *Richmond*, 1839.)

Here printed in full from the original MS. in the British Museum.

—— —— (Virginia Historical Register, and Literary Advertiser. v. 1, p. 101–113. *Richmond*, 1848.)

1619.

Note (A) of the shipping, men, and provisions, sent to Virginia, by the Treasurer and Company, in the yeere 1619. [*London*, 1619.] 2 l. f°.

History, 1619–1622.

—— —— (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1776–1778.)

[**Occurrents** in Virginia.] Of the Lottery; Sir Thomas Dales returne; the Spaniards in Virginia. Of Pocahontas and Tomocomo; Captaine Yerdley and Captaine Argoll (both since Knighted), their Government; the Lord La-Warrs death, and other occurrents till Anno 1619. (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1773–1775.)

Bayne (Howard R.) The year 1619 in the colony of Virginia. [*New York*, 1899?] 16 p. 8°. (Soc. of Colonial Wars in the State of N. Y. Hist. papers, No. 2.)

Read before the Society, Dec. 20, 1897.

Garrett (W. R.) History of the first legislative assembly ever convened in America. [*Nashville, Tenn.*, 189–?] 31 p., 1 pl., 1 port. 12°.

Henry (William Wirt). The first legislative assembly in America. (Amer. hist. assoc. Ann. rept. for 1893, p. 301–316. *Washington*, 1894.)

Neill (Edward Duffield). The earliest contest in America on charter-rights, begun...1619, in Virginia legislature; with documents now first printed. *Saint Paul, Minn.*, 1890. p. 141–168. 8°. (Macalester College Contributions. ser. 1, no. 5.)

Virginia.—*General Assembly.* Proceedings of the First assembly of Virginia, 1619. Communicated, with an introductory note, by George Bancroft. (New York Historical Society. Collections. 2. series, v. 3, 1857, p. 329–358.)

—— —— Same, separate. 30 p. 8°.

—— —— [With Bancroft's Note and with an introduction signed by Thos. H. Wynne and W. S. Gilman.] (In: Colonial Records of Virginia. *Richmond*, 1874. 4°. p. 9–32.)

The substance of Bancroft's paper is given in Campbell's *History of Virginia.*

Virginia Company of London. Abstract of the proceedings...1619–1624, prepared from the records in the Library of Congress, by C. Robinson, and edited with an introduction and notes by R. A. Brock. *Richmond, Virginia: Virginia Historical Society*, 1888–9. 2 v. 4°. (Virginia Historical Society—Collections.)

—— Virginia Company of London. Extracts from their manuscript transactions; with notes by E. D. Neill. *Washington: Government printing office*, 1868. 17 p. 8°.

—— —— (U. S. 40. Cong., 2. Sess., Senate misc. docs. 84, v. 1. 11 p. 8°.)

—— Library of Congress. The Records of the Virginia Company of London [28 April 1619–7 June 1624]. The court book, from the manuscript in the Library of Congress. Edited with an introduction and bibliography by Susan Myra Kingsbury, A.M., Ph.D., instructor in history and economics Simmons College, preface by Herbert Levi Osgood, A.M., Ph.D., professor of American history in Columbia University. *Washington: Government Printing Office*, 1906. 1 p.l., 636 p., 4 facsim.; 611 p., 5 facs. 2 v. 4°.

Miss Kingsbury's introduction was also issued separately.

1620.

Bacon (Francis), *Viscount St. Albans.* An essay on plantations. [1620?] (In: Select tracts relating to colonies. *London* [174–?]. p. 1–4.)

Brown reprints it (Genesis, ii, 799–802); thinks it was revised between 1620–1624, but composed at an earlier date.

Orders and constitutions, partly collected out of his Maiesties letters patents, and partly ordained vpon mature deliberation, by the treasvror, covnceil and companie of Virginia, for the better gouerning of the actions and affaires of the said companie here in England residing. Anno 1619 and 1620. *n.p.*, n.d., 26 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 3, no. 6. *Washington*, 1844.)

By the Treasurer, Councell, and Company of Virginia. [A proclamation to the Governor, ordering the erection of guest houses and the appointment of ministers for James City, Henrico, Charles City, and Kicowtan (Elisabeth city).] Given in a general court, the 17. day of May, 1620. [*London*, 1620?] Broadside. 21½ x 16½ in.

Chester (Anthony). Sheeps-togt van A. Chester na Virginia, gedaan in het Jaar 1620...*Leyden: P. vander Aa*, 1707. 1 l., 15 (3) p., 1 pl. 8°. (In: Aa (P. vander). Zee en Land-Reysen. v. 26. 1707.)

Declaration of the state of the Colonie and Affaires in Virginia; with The Names of the Aduenturors, and Summes aduentured in that Action. By his Maiesties Counseil for Virginia. 22. Junij 1620. *London: Printed by T. S.*, 1620. 1 p.l., 11 (1), 16, 30, 4, 39 p. 4°.

An initial "A" is probably trimmed away.

—— *London: Printed by Thomas Snodham*, 1620. 1 p.l., 92 p. 4°.

—— *London: Printed by Thomas Snodham*, 1620. 1 p.l., 97 p. 4°.

The second two issues are probably from the same composition, a different setting from the first issue; the third issue differs from the second in having as a supplement the court vote of 15 November, 1620.

—— —— (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1775–1776.)

—— —— (In: Force's Tracts. v. 3, no. 5. *Washington*, 1844.)

1621.

Note (A) of the shipping, men and provisions sent and provided for Virginia by...Henry Earle of Sovth-hampton, and the Company and other private adventvrers, in the yeere 1621 &c. *n.p.*, n.d. 4 p. f°.

—— —— (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1793.)

Virginia—*Charter.* Charter of 1621. (In: Stith's Virginia. v. 1, p. 32–34; Henning, v. 1, p. 110–113.)

1622.

Bonoeil (John). His Maiesties gracious letter to the Earle of Sovth-hampton...and to the Councell and Company of Virginia heere...Also a Treatise of the Art of making Silke...Set foorth for the benefit of the two...Sisters, Virginia, and the Summer-Ilands... *London: F. Kyngston*, 1622. 6 l., 88 p., 4 pl. in text. 4°.

History, 1622–1640.

A **consolation** for ovr grammar schooles... More specially for all those of the inferiour sort, and all ruder countries and places; namely, for Ireland, Wales, Virginia, with the Sommer Ilands... [By John Brinsley, the elder.] *London: R. Field for T. Man*, 1622. 8 l., 84 p., 1 l. 4°.

Copland (Patrick). Virginia's God be Thanked, or A sermon of thanksgiving for the happie successe of the affayres in Virginia this last yeare. Preached...before the Honorable Virginia Company...Hereunto are adjoyned some Epistles, written...by Peter Pope... *London: I. D. for W. Sheffard and I. Bellamie*, 1622. 3 l., 36 p., 3 l. 4°.

A **declaration** of the state of the Colony and Affaires in Virginia...[By Edward Waterhouse.] And a treatise annexed, Written by...Mr. Henry Briggs, of the Northwest passage to the South Sea... *London: G. Eld for R. Mylbourne*, 1622. 3 l., 54 p. 4°.

Donne (John). A sermon vpon the VIII. verse of the I. chapter of the Acts of the Apostles. Preach'd To the Honourable Company of the Virginian Plantation. 13. Nouemb. 1622. By Iohn Donne Deane of St. Pauls, London. *London: A. Mat: for T. Iones*, 1622. 2 l., 49 p. 4°.

—— —— A sermon vpon the eight ver[s]e of the first Chapter Of the Acts Of the Apostles [etc.] *London: Printed for Thomas Iones*, 1624. 2 p.l., 49 p. 4°. (In his: Five sermons upon special occasions. *London*, 1626.)

Inconveniences (The) that have happened to some persons which have transported themselves from England to Virginia, without provisions necessary to sustaine themselves hath greatly hindred the Progress of that noble Plantation...it is thought requisite to publish this short declaration: wherein is contained a particular of...necessaries... *London: F. Kyngston*, 1622. Broadside.

—— —— Same, photozincographic facsimile, made in London, about 1905.

Neill (Edward D.) Massacre at Falling Creek, Virginia, March 22, 1621–22. (Maga. of Amer. Hist. v. 1, pp. 222–225. *New York*, 1877.)

Orders and constitutions, partly collected out of his Maiesties Letters Patents; and partly by authority ... Ordained ... by the Gouernour and Company of the City of London, for the Plantation of the Svmmer-Ilands...6. Febr. 1621. *London: F. Kyngston*, 1622. 1 l., 83 p. sm. 4°.

1623.

Lists of the Livinge & the Dead in Virginia February 16, 1623. (Colonial Records of Virginia. *Richmond*, 1874. p. 37–66.)

Original in State Paper Office, Colonial, Volume 3, No. 2.

—— —— (In J.C. HOTTEN's Original lists of... emigrants. *New York*, 1874. p. 169–196.)

1624.

Briefe intelligence from Virginia by Letters, a supplement of French-Virginian Occurrants, and their supplantation by Sir Samuel Argal, in right of the English Plantation. [1624.] (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1806–1809.)

Donne (John). A sermon vpon [Acts i, 8]. *London*, 1624. See under 1622 above.

Musters of the inhabitants of Virginia, 1624. (In J. C. HOTTEN's Original lists of...emigrants. *New York*, 1874. p. 201–265.)

Neill (Edward D.) A study of the Virginia census of 1624. (New Engl. Hist. & Geneal. Reg. v. 31, pp. 147–153; 265–272; 393–401. *Boston*, 1877.

1625.

Breife (A) Declaration of the Plantation of Virginia duringe the first Twelve Yeares, when Sir Thomas Smith was Governor of the Companie, & downe to this present tyme. By the Ancient Planters nowe remaining alive in Virginia. [1625?] (Colonial Records of Virginia. *Richmond*, 1874. p. 69–83.)

Original in State Paper Office, Colonial, Volume 3, No. 21, I. The Bancroft MSS. in the Library contain a transcript.

Virginia's Verger: Or a Discourse shewing the benefits which may grow to this Kingdome from American English Plantations, and specifically those of Virginia and Summer Ilands. [1625.] (Purchas his Pilgrimes. *London*, 1625. IV, ix, 1809–1826.)

1626.

Patents granted to settlers in Virginia (circa) 1626. (In J. C. HOTTEN's Original lists of...emigrants. *New York*, 1874. p. 266–274.

1629.

Von der Landtschafft Virginia. (Hulsius, Zwantzigste Schifffahrt. *Franckfurt a. M.*, 1629. 2 pl. p. 39–116.)

1634.

List (A) of the number of men, women and children Inhabitinge in the severall Counties wthin the Collony of Virginia. Anno Dne, 1634. (Colonial Records of Virginia. *Richmond*, 1874. p. 91.)

Original in State Paper Office, Colonial, Vol. 8, No. 55 (1634). The Library has a transcript among the Bancroft MSS.

Sainsbury (W. Noel). The First Settlement of French Protestants in America [1634]. (The Antiquary. v. 3, p. 101–103. *London*, 1881.)

1635.

Passengers for Virginia, 1635. [List of names.] (New Engl. Hist. & Geneal. Reg. v. 2, pp. 111–113; 211–212; 268; v. 3, pp. 184; 388–390; v. 4, pp. 61; 189–191; 261–264; v. 5, pp. 61–62; 343–344; v. 15, pp. 142–146. *Boston*, 1848–'51, 1861.)

1638.

Sainsbury (W. M.) Virginia in 1638–39, '40. (Va. Mag. of Hist. & Biog. v. 11, p. 46–57, 169–182, 284–288; v. 12, p. 385–396; v. 13, p. 375–388. *Richmond*, 1903–1906.)

1640.

Virginia Council and General Court Records, 1640–1641. (From "Robinson's notes," Virginia Historical Society Collection.) (Virginia Mag. of Hist. & Biog. v. 11, p. 277–284. *Richmond*, 1904.)

History, 1649–1657.

1649.

Bullock (William). Virginia impartially examined, and left to public view...Under which title, is comprehended the degrees from 34 to 39, wherein lyes the rich...countries of Roanock, the now plantations of Virginia and Maryland... *London: J. Hammond*, 1649. 6 p.l., 66 pp. 4°.

Norwood ( ), *Colonel.* A voyage to Virginia [made in 1649]. (Churchill's Voyages. *London*, 1732. v. 6, pt. 1, p. 143–170. f°.)

—— —— 50 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 3, no. 10. *Washington*, 1844.)

Perfect (A) description of Virginia: being, A full and true relation of the present state of the plantation...also, A narration of the countrey, within a few dayes of Virginia, West and by South ...with the manner how the emperor Nichotawance came to Sir William Berkley...to doe homage... to King Charles... *London: Prind* [sic] *for R. Wodenoth*, 1649. 1 p.l., 19 pp. 4°.

—— —— (Massachusetts Hist. Soc. Collections. ser. 2, v. 9, p. 105–122. *Boston*, 1822.)

—— —— (Force's Tracts. v. 2, no. 8. 18 p. 8°. *Washington*, 1837.)

1650.

W. (E.), *Gent.* Virginia: more especially the South part thereof, richly and truly valued...The second edition, with addition of The discovery of silkworms...and implanting of mulberry trees, also the dressing of vines, for the rich trade of making wines in Virginia. Together with the making of the saw-mill...by E. W. Gent [*i. e.* E. Williams]. *London: Printed by T. H. for John Stephenson*, 1650. 6 p.l., 47 pp., 4 l., 3 l., 75, (1) p., 1 l., 1 map. 4°.

Virginia Farrer issue of the folded map dated 1651.

—— —— Another copy.

This copy has a blank leaf before the separate title to "Virginia's Discovery of Silke-Wormes," which is not in the first copy, and the folded map, Virginia Farrer issue, is a later state than the same map in the other copy.

—— —— (Force's Tracts. v. 3, no. 11. 62 p. 8°. *Washington*, 1844.)

Williams (Edward.) Virgo trivmphans; or, Virginia richly and truly valued; more especially the south part thereof: viz. The fertile Carolana, and no lesse excellent isle of Roanoke...Presented as the auspice of a beginning yeare, to the parliament of England and council of state. *London: Printed by Thomas Harper for John Stephenson*, 1650. 7 p.l., 47 pp., 4 l., 1 map. 4°.

—— —— Another copy.

This copy has marginal notes in a contemporary hand, and also a folded manuscript map in the same hand. It has been called the author's copy with his marginalia, but careful investigation proves the notes are not in his hand.

This copy has no engraved map, nor dedication (8 p.), nor address to the "Lord President and Counsell of State" (2 p.)

1651.

Beschrijvinghe van Virginia, Nieuw Nederlandt, en d'Eylanden Bermudes, Berbados, en S. Christoffel... *t'Amsterdam: by J. Hartgers*, 1651. 88 pp., map. 8°.

Copy of a petition from the governor and company of the Summer Islands, with annexed papers, presented to...the councel of state, July 19, 1651 ...also An occasional letter written to Sir J. Danvers. With a short collection of...passages from the original to the dissolution of the Virginia Company, and a large description of Virginia... *London: Printed for E. Husband*, 1651. 30 pp., 2 l., 20 pp. 4°.

Withington (Lothrop). Surrender of Virginia to the Parliamentary Commissioners, 1651–52. (Va. Mag. of Hist. & Biog. v. 11, p. 32–41. *Richmond*, 1903.)

1652.

[**Hartlib** (Samuel).] A rare and new discovery of a speedy way, and easie means, found out by a young lady in England...for the feeding of silkworms...in Virginia...[preface signed Samuel Hartlib]. [*London:*] *R. Wodenothe*, 1652. 8 p.l. 12 pp. 4°.

—— —— [*London: Printed by R. Wodenothe*, 1653.] 8 p.l., 12 p. 4°.

Imprint in pen-and-ink facsimile; apparently identical with the 1652 title above.

1653.

The **Lord** Baltemore's Case, Concerning the Province of Maryland, adjoyning to Virginia in America... *London*, 1653. 1 l., 20 p. sm. 4°.

1655.

Hartlib (Samuel). The reformed Virginian silk-worm, or, A rare and new discovery of a speedy way, and easie means, found out by a young lady in England...in May Anno 1652 for the feeding of silk-worms in the woods on the Mulberry tree leaves in...Virginia...*London: Printed by J. Streater for Giles Calvert*, 1655. 2 p.l., 40 pp. 4°.

—— —— 37 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 3, no. 13. *Washington*, 1844.)

Virginia and Maryland, or, the Lord Baltimore's printed case, uncased and answered. Shewing, the illegality of his patent and usurpation of royal jurisdiction and dominion there. With the injustice and Tyranny practised in the government, against the laws and liberties of the English nation, and the just right and interest of the adventurers and planters. Also, a short relation of the Papists late rebellion... *London*, 1655. 47 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 2, no. 9. *Washington*, 1837.)

1656.

Hammond (John). Leah and Rachel or the two fruitfull sisters Virginia and Mary-land: their present condition, impartially stated and related... *London: T. Mabb*, 1656. 30 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 3, no. 14. *Washington*, 1844.)

1657.

Publick good without private interest: or, A compendious remonstrance of the present sad state and condition of the English colonie in Virginea... [By Lionel Gatford.] *London: H. Marsh*, 1657. 10 p.l., 26 p. 4°.

History, 1659–1676.

1659.

Gorges (Ferdinando). America painted to the life. The true history of the Spaniards' proceedings in the conquests of the Indians...an absolute narrative of the North parts of America, and of the discoveries and plantations of our English in Virginia, New-England, and Berbadoes. *London: N. Brook*, 1659. 1 p.l., 52 p., 10 l., 51 p., 1 l., 57, 236 p., 1 map, 1 pl. 4°.

1662.

G. (R.) Virginia's cure: or, An advisive narrative concerning Virginia. Discovering the true ground of that churches unhappiness, and the only true remedy. As it was presented to the Right Reverend Father in God Gvilbert Lord Bishop of London, September 2, 1661. *London: W. Godbid for Henry Brome*, 1662. 3 p.l., 22 p. 4°.

—— —— 19 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 3, no. 15. *Washington*, 1844.)

1663.

Maryland.—*House of Delegates.* Document presented by Charles C. Harper, Esquire, from the Committee on the Library, enclosing Col. Edmond Scarburgh's account of proceedings in an expedition from Virginia to Annamessecks and Manokin, pursuant to an act of the Grand Assembly of Virginia, in the year 1663. *Annapolis: J. Hughes*, 1833. 16 p. 8°.

1667.

Shrigley (Nathaniel). A true relation of Virginia and Mary-Land; with the commodities therein, which in part the author saw; the rest he had from knowing and credible persons in the moneths of February, March, April and May...1669. *London: T. Milbourn for Thomas Hudson* [1669]. 5 p. 8°. (In: Force's Coll. of Hist'l Tracts, v. 3, no. 7. *Washington*, 1844.)

1672.

Lederer (John). The discoveries of John Lederer, in three several marches from Virginia to the West of Carolina, and other parts of the continent: begun in March, 1669, and ended in September, 1670. Together with a general map of the whole territory which he traversed. Collected and translated out of Latine from his discourse and writings by Sir William Talbot. *London: Printed by J. C. for S. Heyrick*, 1672. 4 p.l., 27 p., 1 map. 4°.

1675.

Kidnapper (The) trap an'd: or, The treacherous husband caught in his own Trap. Being a pleasant and true relation of a man in this town that would have sold his wife to Virginia...*London: Printed for P. B.*, 1675. 7 (1) p. 4°.

1676.

Glover (Thomas). An account of Virginia, its scituation, temperature, productions, inhabitants, and their manner of planting and ordering tobacco, etc. (Philosophical transactions. *London*, 1676. 4°. v. 11, p. 623–636.)

Beginning (The), progress, and conclusion of Bacon's rebellion in Virginia, in the years 1675 and 1676. [By T. M.] *Washington: P. Force*, 1835. 26 p. 8°. (In: Force's Coll. of Hist'l Tracts. v. 1, no. 8.)

Reprinted from the Richmond *Enquirer* of 1–8 Sept., 1804, where Jefferson had printed it from a copy in his possession.

—— Same. (In: American Colonial Tracts, no. 8. Dec., 1897. *Rochester: G. P. Humphrey*, 1897. 1 p.l., v., 22 p. 8°.)

Behn (*Mrs.* Aphra). The widdow ranter, or, The history of Bacon in Virginia. A tragi-comedy. *London: J. Knapton*, 1690. 4 p.l., 56 p. 4°.

Cotton (An). An account of our late troubles in Virginia. Written in 1676...Published from the original manuscript, in the Richmond (Va.) Enquirer, of 12 Sept., 1804. *Washington: P. Force*, 1835. 11 p. 8°. (In: Force's Coll. of Hist'l Tracts, v. 1, no. 9.)

—— —— Same. (In: American Colonial Tracts, No. 9. Jan., 1898. *Rochester: G. P. Humphrey*, 1898. 1 p.l., 12 p. 8°.)

Grantham (*Sir* Thomas). An historical account of some memorable actions, particularly in Virginia; also against the Admiral of Algier, and in the East Indies: performed for the service of his prince and country. With an introduction by Robert A. Brock. *London: J. Roberts*, 1716. *Reprinted: Richmond: Carlton, McCarthy & Co.*, 1882. viii, 71 p. 8°.

List (A) of those that have been executed for the late rebellion in Virginia, by Sir William Berkley, Governor of the colony. Copied from the original manuscript, (Harleian Collection, codex 6845, page 54,) in the Library of the British Museum, London, by Robert Greenhow, Esq., of Virginia. *Washington: P. Force*, 1835. 4 p. 8°. (In: Force's Coll. of Hist'l Tracts, v. 1, no. 10.)

—— —— Same. (In: American Colonial Tracts, no. 9, Jan., 1898. *Rochester: G. P. Humphrey*, 1898. [2] p. 8°.)

[**Narrative** of the Indian and civil wars in Virginia, in the years 1675 and 1676. Published from the MS. copy found among the papers of the late Captain Nathaniel Burwell, of King William County.] (Mass. Hist. Soc. Collections. 2. ser., v. 1, p. 27–80. *Boston*, 1814.)

—— —— (Force's Tracts. v. 1, no. 11. 47 p. 8°. *Washington*, 1835.)

—— —— (Mass. Hist. Soc. Proceedings, 1866–67. v. 9, p. 299–342. *Boston*, 1867.)

The text as printed in 1814 was found to be inaccurate after a careful collation in 1866, as noted above, before the MS., which had originally been found among the papers of Captain Nathaniel Burwell, of Virginia, was given by the Massachusetts Society to the Virginia Historical Society.

—— —— (In: American Colonial Tracts, No. 10. Feb., 1898. *Rochester: G. P. Humphrey*, 1898. 1 p.l., 51 p. 8°.)

Strange news from Virginia; being a full and true account of the life and death of Nathanael Bacon... who was the only cause and the original of all the late trouble in that country. With a full relation of all the accidents which have happened in the late war between the Christians and Indians. *London: W. Harris*, 1677. 8 pp. 4°.

Bayne (Howard R.) A rebellion in the colony of Virginia. [Bacon's rebellion, 1676.] [*New York*, 1904.] 16 p. 8°. (Society of Colonial Wars.—New York. Historical Papers, no. 7, 1904.)

History, 1676–1725.

Brent (Frank P.) Some unpublished facts relating to Bacon's rebellion on the Eastern Shore of Virginia, gleaned from the court records of Accomac County. A paper read before the Virginia Historical Society... Dec. 22, 1891. (Virginia Hist. Soc. Collections. n. s., v. 11, 1892, p. 177–189.)

Eggleston (Edward). Nathaniel Bacon, the patriot of 1676.
Extr.: Century Magazine. July, 1900. v. 40, p. 418–434.

Great Britain.—*Ordnance Board.* Estimate of stores for a voyage to Virginia, list of stores sent, and of stores in the magazine of the colony, 1676–1681. 12 ll. F°. Unbound. MS. MOORE

1680.

Godwyn (Morgan). The negro's and Indians advocate, suing for their admission into the church: or, A persuasive to the instructing and baptizing of the negro's and Indians in our plantations...added, A brief account of religion in Virginia. *London: Printed by J. D. for the author*, 1680. 7 p.l., 174 pp. 8°.

—— A supplement to the negro's and Indian's advocate: or, Some further... proposals for the carrying on of the negro's christianity in our plantations by M. G[odwyn]. *London: Printed by J. D.*, 1681. 12 pp. 4°.

List (A) of the parishes in Virginia. June the 30th, 1680. (Colonial Records of Virginia. *Richmond*, 1874. p. 103–104.)
Original in State Paper Office, Colonial, Virginia, Vol. 60, No. 410.

Vain (The) prodigal life and tragical penitent death of Thomas Hellier... who for murdering his master, mistress, and maid, was executed... in Charles City, in the country of Virginia... 5th of August, 1678. *London: S. Crouch*, 1680. 2 p.l, 40 pp. 4°.

1685.

Godwyn (Morgan). Trade preferred before religion, and Christ made to give place to mammon: represented in a sermon relating to the plantations. *London: B. Took*, 1685. 3 p.l., 34 pp. 4°.

1688.

Clayton (John). A letter... to the Royal Society, May 12., 1688, giving an account of several observables in Virginia and in his voyage thither, more particularly concerning the air. (Royal Society, London. Miscellanea Curiosa. *London*, 1726–7. v. 3, p. 281–355.)

—— —— 45 p. 8°. (In: Force's Coll. of Hist'l Tracts, v. 3, no. 12. *Washington*, 1844.)

Great Britain.—*King.* Grant of the Northern Neck in Virginia to Lord Culpeper. Septima Pars Patentium de Anno Regni Regis Jacobi Secundi Quarto, Sept. 27 [1688]. [*London*, 1688.] 6 p. f°.

1692.

Child (*Sir* Joshua). A discourse concerning plantations... Published 1692. (In: Select tracts relating to colonies... *London* [174–?]. pp. 31–40.)

1697.

Hartwell (Henry), G. Blair, *and* E. Chilton. The present state of Virginia, and the college... To which is added, the charter for erecting said college, granted by... King William and Queen Mary... *London: J. Wyat*, 1727. 2 l., 95 pp. 8°.
Reprinted under date of 20 Oct., 1697, in Calendar of State Papers, 1896/7, p. 641–666. Reprinted also in Mass. Hist. Soc. Coll. v. 5 (1798), p. 124–166, from a MS. presented "by Carter B. Harrison, Esq. of Prince-George county in Virginia, by the hands of the Rev. John Jones Spooner."

1700–1775.

Nicholson (Francis). Communications from Governor Francis Nicholson of Virginia, to the British lords of trade concerning the Huguenot settlement, with "list of ye refugees," August 12th, 1700. [*Richmond, Va.*, 1887.] 8°. (In: Virginia Historical Society, Collections, new series, vol. 6, p. 61–67. 1887.)

Documents, chiefly unpublished, relating to the Huguenot emigration to Virginia and to the settlement at Manakin-Town, with an appendix of genealogies, presenting data of the Fontaine, Maury, Dupuy, Trabue, Marye, Chastain, Cooke, and other families, edited and compiled for the Virginia Historical Society by R. A. Brock. *Richmond, Va.: the Society*, 1886. xx, 1 l., 247 p., 1 plan. 8°. (Virginia Hist. Soc. Collections. n. s., v. 5.)

Walloons and French emigrants to Virginia. (In J. C. Hotten's Original list of emigrants. *New York*, 1874. p. 197–199.

Case (The) of the Merchants, and Planters, Trading to, and Residing in, Virginia, and Maryland. [*London?* 1707?] 2 p. f°.
Relates to the tobacco trade.

Spotswood (Alexander). The official letters of Alexander Spotswood, lieutenant-governor of the colony of Virginia, 1710–1722, now first printed from the manuscript in the collections of the Virginia Historical Society, with an introduction and notes by R. A. Brock. *Richmond, Va.: the Society*, 1882. 2 v. in 1. 8°. (Virginia Historical Society. Collections, new series, vol. 1–2.)

Controversy (The) between Lieutenant-Governor Spotswood, and his council and the House of Burgesses, on the appointment of judges on commissions of oyer and terminer, 1718. Edited by Worthington Chauncey Ford. *Brooklyn, N. Y.: Historical Prtg. Club*, 1891. 61 p. 12°. (Winnowings in Amer. History. Va. tracts. No. 2.)

Warhaffte Nachricht von einer Hochteutschen evangelischen Colonie zu Germantown, in Nord Virginia in America, und derselben dringendliches Ansuchen an ihre Glaubens-Genossen in Europa. *n. p.*, 1720. 4 l. 4°.

Kemper (Chas. E.) The early westward movement of Virginia, 1722–1734. (Va. Mag. of Hist. and Biog. v. 12, p. 337–352; v. 13, p. 1–16, 113–138, 281–297, 351–373. *Richmond*, 1905–'06.)

Jones (Hugh). The present state of Virginia. Giving a... short account of the... inhabitants... their religion, way of living, &c.,... [also] a... view of Maryland and North Carolina... *London: J. Clarke*, 1724. 2 l., viii, 151 (1) pp. 4°.

—— —— *New York:* [*Alvord, printer,*] 1865. 3 p.l., viii, 151 (1) p. 4°. (Sabin's Reprints. [Octavo series,] no. 5.)

Virginia.—*Statutes.* Laws of Virginia relating to the church and the clergy, to religion and learning. (Trott, Nicholas. Laws of the British colonies relating to the church and the clergy, etc. *London*, 1725. f°. p. 105–161.)

History, 1725–1756.

Hartwell (Henry), *and others*. The present state of Virginia. 1727. See under 1697 above.

Sioussat (St. George Leakin). Virginia and the English commercial system, 1730–1733. (Amer. Hist. Assoc. Ann. rep. 1905, v. 1, p. 71–97. *Washington*, 1906.)

Case (The) of the planters of tobacco in Virginia, as represented by themselves... Added, A vindication of the said representation. *London: J. Roberts*, 1733. 64 pp. 8°.

Burges (Frances) *vs.* JOHN HACK. Virginia, ss. Pleas at the Capitol in Williamsburgh, before ... William Gooch... Lieutenant-Governor... the 15th day of April, in the Eighth Year of... George the Second... [A copy of the record, transmitted on the appeal of Frances Burges, plaintiff, John Hack, defendant. To be heard before the Lords of the Committee of the Privy-Council for Plantation-Affairs, Nov. 2, 1737.] [*London*, 1737.] 4°. f°.

Virginia.—*Council.* Journals of the Council of Virginia in executive sessions, 1737–1763. (Virginia Mag. of Hist. and Biog. v. 14, p. 1–35. *Richmond*, 1906.)

Keith (Sir William). The history of the British Plantations in America. With a chronological account of the most remarkable things that happen'd to the first adventurers in their several discoveries of that New World. Part I. Containing the History of Virginia; with remarks on the trade and commerce of that Colony. *London: Society for the encouragement of learning*, 1738. 4 l., 187 p., map. 4°.

No more published.

Clayton (John). Flora Virginica Exhibens Plantas Quas V. C. Johannes Clayton In Virginia Observavit atque collegit. Easdem Methods Sexuali disposuit, ad Genera propria retulit, Nominibus specificis insignivit, & minus cognitas descripsit Joh. Fred. Gronovius. Part Prima[-Secunda]. *Lugduni Batavorum: Apud Cornelium Haak*, 1743. 3 p.l., 3–128 p., 3 l.; 1 l., 129–206 p., 2 l. 8°.

Second edition noted below under date of 1762.

Moravian diaries of travels through Virginia. [1743, '44, '47, '48, '49, '53.] Edited by Rev. William J. Hinke and Charles E. Kemper. (Virginia Magazine of History and Biog. v. 11, p. 113–131, 224–242, 370–393; v. 12, p. 55–82, 134–153, 271–284. *Richmond*, 1903–05.)

Treaty (A) held at...Lancaster, in Pennsylvania, by the...Lieutenant-Governor of that province, and the...commissioners for...Virginia and Maryland, with the Indians of the Six Nations, in June, 1744. *Philadelphia: B. Franklin*, 1744. 39 pp. f°.

Treaty (The) held with the Indians of the Six Nations, at Lancaster, in Pennsylvania, in June, 1744. To which is prefix'd, An account of the first confederacy of the Six Nations... *Williamsburg: W. Parks* [1744]. xii, 79 p. 8°.

Washington (George). Journal of my journey over the mountains; while surveying for Lord Thomas Fairfax, baron of Cameron, in the northern neck of Virginia, beyond the Blue Ridge in 1747–8. Copied from the original...and edited with notes by J. M. Toner, M.D. *Albany, N. Y.: J. Munsell's Sons*, 1892. 1 p.l., 144 p., 1 map, 9 plans. 8°.

Walker (Thomas). Journal of an exploration in the Spring of the year 1750...With a preface by William Cabell Rives. *Boston: Little, Brown & Co.*, 1888. 69 p., 1 pl. 12°.

Dinwiddie (Robert). The official records of Robert Dinwiddie, lieutenant-governor of the Colony of Virginia, 1751–1758, now first printed from the manuscript in the collections of the Virginia Historical Society, with an introduction and notes by R. A. Brock. *Richmond: Virginia Historical Society*, 1883–4. 2 v. 4°. (Virginia Historical Society. Collections. new series, v. 3–4.)

The **Fair** traders objections against the bill entitled, A bill for preventing clandestine trading, as it relates to the plantations of Virginia and Maryland. *n. p.* [1751.] Broadside. f°.

Virginia Gazette, Extracts from, 1752. (Wm. and Mary College Quarterly Hist. Mag. v. 12, p. 207–220; v. 13, p. 3–15. *Richmond*, 1904.)

Bland (Richard). A fragment on the pistole fee, claimed by the Governor of Virginia, 1753. Edited by Worthington Chauncey Ford. *Brooklyn, N. Y.: Historical Printing Club*, 1891. 43 p. 12°. (Winnowings in American history. Virginia tracts, No. 1.)

Davies (Samuel). The duties, difficulties and reward of the faithful minister. A sermon, preached at the installation of the Revd...John Todd...into the...charge of the Presbyterian congregation in Hanover county, Virginia, Nov. 12. 1752...*Glasgow: W. Duncan jun.*, 1754. 114 p. 8°.

Washington (George). The Journal of Major George Washington, sent by the Hon. Robert Dinwiddie, Esq.; His Majesty's Lieutenant-Governor, and Commander-in-Chief of Virginia, to the Commandant of the French forces in Ohio, To which are added, the Governor's letter, And a Translation of the French Officer's Answer. *Williamsburg: Printed by William Hunter*, 1754. 28 p. 12°.

—— —— *London: T. Jefferys*, 1754. 32 p., 1 map. 12°.

—— —— *New York: reprinted for Joseph Sabin*, 1865. 46 p., map. 12°.

Braddock (Edward). Major-General Edward Braddock's Orderly books, from February 26 to June 17, 1755. From the originals in the Congressional library. *Cumberland, Md.: Will H. Lowdermilk*, 1878. 58 p., 1 l. 8°.

Stobo (Robert). Memoirs of Major Robert Stobo of the Virginia regiment. [Edited by N. B. C., *i. e.*, Neville B. Craig.] *Pittsburgh: J. S. Davidson*, 1854. 1 p.l., v–vii, 13–32 p. 24°.

Thackeray (William Makepeace). The Virginians. A tale of the last century. *London: Smith, Elder & Co.*, 1869. 2 v. 8°.

[**Davies** (Samuel).] The good soldier. Extracted from a sermon preached to a company of voluntiers, raised in Virginia, Aug. 17, 1755. *London*, 1756. 15 p. 12°.

Treaty (A) held with the Catawba and Cherokee Indians at the Catawba-Town and Broad River, in the months of February and March, 1756. By

History, 1756–1773.

virtue of a commission granted by the Honorable Robert Dinwiddie, Esquire, His Majesty's Lieutenant-Governor, and commander in chief of the colony and dominion of Virginia, to the Honorable Peter Randolph and William Byrd, Esquires, members of His Majesty's council of the said colony. [*Williamsburg: Printed by W. Hunter*, 1756.] xiv, 25 p. f° cropped to 4°.

—— —— (Virginia Mag. of Hist. and Biog. v. 13, p. 225–264. 1906.)

Davies (Samuel). The crisis; or, The uncertain dawn of kingdoms at particular times, considered with reference to Great-Britain and her colonies... A sermon, preached in Hanover, Virginia, October 28, 1756; a day appointed by the Synod of New York to be observed as a general fast, on account of the war with France. With a preface by the Rev... T. Gibbons. *London: J. Buckland, J. Ward, and T. Field*, 1757. viii, 36 p. 8°.

Dunbar (Charles). Virginia. Charles Dunbar, of the Island of Antigua, Esquire, only surviving acting Executor of Thomas Dunbar Parke, late of the said Island, Esq.; deceased, Appellant. Daniel Parke Custis, Son and Heir, and also sole Executor of the last Will and Testament of John Custis, of Virginia, Esq.; deceased, Respondent. The Appellants Case. [*London*, 1757?] 7 p. f°.

The endorsement assigns the hearing before the committee of privy council for plantation affairs for Friday, June 24, 1757. There are marginal notes on pages 4, 5, 6, 7, in a contemporary hand.

Davies (Samuel). The curse of cowardice: a sermon preached to the militia of Hanover county, in Virginia, at a general muster, May 8, 1758. With a view to raise a company for Captain Samuel Meredith. *London: J. Buckland, J. Ward, and T. Field*, 1758. 3 l., 3–36 p. 12°.

Virginia.—*Committee of Correspondence.* Proceedings, 1759–67. (Va. Mag. of Hist. and Biog. v. 10, p. 337–353; v. 11, p. 1–25, 131–143, 345–354; v. 12, p. 1–14, 157–169, 225–240, 353–364. *Richmond*, 1903–1905. 8°.)

Virginia legislative documents [records of the General Assembly, 1764–5, 1770, 1774, 1775]. (Virginia Mag. of Hist and Biog. v. 9, p. 353–368; v. 10, p. 1–16; v. 12, p. 417–424; v. 13, p. 36–50, 411–424; v. 14, p. 50–79. *Richmond*, 1902–6.)

Burnaby (*Rev.* Andrew). Travels through the middle settlements in North-America, in the years 1759 and 1760. With observations on the state of the Colonies. *London: Printed for T. Payne*, 1775. viii, 106 pp. 4°.

—— Voyages dans les colonies du milieu de l'Amérique Septentrionale, faits en 1759 & 1760; avec des observations sur l'état des colonies. Traduit d'après la seconde édition, par M. Willd. *Lausanne: Société typographique*, 1778. 1 p.l., x, 1 l., 181 pp. 8° (16°.)

Clayton (John). Flora Virginica, exhibens Plantas, quas nobilissimus vir D. D. Johannes Claytonus, Med. Doct., etc., etc., in Virginia crescentes observavit, collegit & obtulit D. Joh. Fred. Gronovio, cujus studio & opera descriptæ & in ordinem sexualem systematicum redactæ sistuntur. *Lugduni Batavorum*, 1762. 6 p.l., 176 p., 4 l., 1 map. 4°.

Citationes auctorum explicatæ, on 4 leaves preceding text. First edition noted above under date of 1743.

Aspinwall (The) papers. (Mass. Hist. Soc. Collections. ser. 4, v. 9–10. *Boston*, 1871.)

Some of these papers relate to the earlier history of Virginia, but most of them have to do with the critical years, 1763–1775.

Carter (Landon). The rector detected: being a just defence of the Twopenny Act, against the ...misrepresentations of the Rev. John Camm, rector of York-Hampton, in his Single and distinct view... *Williamsburg: printed by J. Rowle*, 1764. 39, (1) pp. 4°.

Review (A) of The rector detected; or, The colonel reconnoitred. Part the First. *Williamsburg: J. Royle*, 1764. 29 pp. sq. 8°.

Extract from An Address in the Virginia Gazette, of March 19, 1767 [to the members of the Assembly upon the abolition of slavery and the retrieval of specie]. [*n. p.*, n. d.] 4 pp. 16°.

Copy (A) of a Letter from a Gentleman [in] Virginia, To a Merchant in Philadelphia. [*Philadelphia*, 1768.] 2 p. f°.

On the opposition of Philadelphia merchants to the plan of non-importation.

Virginia. Journals of the House of Burgesses of Virginia, 1770–1772. Edited by John Pendleton Kennedy. *Richmond* [*Colonial Press*], 1906. xxxiii, 333 p., 1 map. f°.

Address (An) from the clergy of New-York and New Jersey, to the Episcopalians in Virginia; occasioned by some late transactions in that colony relative to an American Episcopate. [By Myles Cooper.] *New York: Printed by Hugh Gaine*, 1771. 2 p.l., 58 pp. 4°.

Gwatkin (*Rev.* Thomas). Letter to the clergy of New York and New Jersey, occasioned by an address to the Episcopalians in Virginia. *Williamsburg: A. Purdie & J. Dixon*, 1772. 26 pp., 1 l. 4°.

Droz (M.) The colony of Virginia in 1771, as pictured by a Swiss traveller, M. Droz. [*Richmond*, 1881.] 5 p. 8°.

Mounted clipping from the *Standard*, Feb. 19, 1881.

Virginia. Journal of the House of Burgesses [Feb. 10–Apr. 11, 1772]. [*Colophon: Williamsburg: Printed by W. Rind*, 1772.] 164 p. f°.

Nachricht von der Provinz Virginien in Nord-America, nebst ausführlichen Beschreibung der... Wasser-Fluth so gedachte Provinz im Jahr 1771... Als auch Beschreibung von der Schlacht und... Ausrottung der Regulatorn in Nord-Carolina ...und...geographische Beschreibung der Provinz Pennsylvanien... *Frankfurt am Mayn: J. G. Fleicher*, 1772. 16 pp. 4°.

Boston, *Mass.*—*Committee of Correspondence.* Boston, April 9, 1773. [Circular letter to the committees of other towns, communicating an extract of a letter "from a Gentleman of distinction in Virginia," dated Mar. 14, 1773, with the resolutions of the House of Burgesses. "We congratulate you upon the acquisition of such respectable Aid as the ancient and patriotic Province of Virginia, the earliest Resolvers against the detestable Stamp Act, in Opposition to the unconstitutional Measures of the present Administration." Signed in manuscript by William Cooper, town clerk.] 1 page. [*Boston*, 1773.] f°.

The original resolution directing that the above be printed

History, 1773–1776.

and sent out, is among the manuscript proceedings of the committee of correspondence (Samuel Adams Papers, Bancroft Collection) in the New York Public Library. See Hutchinson's *Massachusetts*, vol. 3, p. 392, note, for the Virginia letter.

Virginia. Journals of the House of Burgesses of Virginia, 1773–1776, including the records of the committee of correspondence. Edited by John Pendleton Kennedy. *Richmond:* [*Colonial Press*,] 1905. xxiii, 301 p., 1 facs. f°.

Garnett (James Mercer). Early revolutionary history of Virginia. 1773–1774. The Committee of Correspondence and the call for the First Congress. A paper read before the Virginia Historical Society,...Dec. 21, 1891. (Virginia Hist. Soc. Collections. n. s., v. 11, p. 1–23. *Richmond*, 1892.)

Randolph (Peyton) *and others.* [MS. letter enclosing two papers to explain the political state of Virginia, dated Williamsburg, May 28th, 1774, addressed to the Connecticut Committee of Correspondence; signed Peyton Randolph, Ro. C. Nicholas, Dudley Digges.] 1 page. f°.

Virginia.—*House of Burgesses.* Tuesday, the 24th of May, 14 Geo. III. 1774. [Order, for making June 1st a day of fasting and prayer on account of the threatened destruction of "our civil rights." *Williamsburg*, 1774.] Broadside. 4°.

Enclosed in the letter from Peyton Randolph to the Connecticut Committee of Correspondence of 28. May, 1774.

Virginia.—*House of Burgesses.* An Association, signed by 89 members of the late House of Burgesses...The 27th day of May, 1774...[*Williamsburg*, 1774.] 2 p. f°.

Enclosed in the letter from Peyton Randolph to the Connecticut Committee of Correspondence of 28. May, 1774.

Jefferson (Thomas). A summary view of the rights of British America. Set forth in some resolutions intended for the inspection of the present delegates of the people of Virginia, now in Convention...By a native, and member of the House of Burgesses [*i. e.*, Thomas Jefferson]. *Williamsburg, printed by Clementina Rind. London, reprinted for G. Kearsly*, 1774. 44 pp. 4°.

—— —— *Philadelphia: John Dunlap*, 1774. 23 p. 12°.

—— —— (Force's American Archives. *Washington*, 1837. f°. ser. 4, v. 1, p. 690–699.)

Virginia.—*Convention.* [Association adopted by the delegates to the convention at Williamsburg, 1–6 August, 1774.] (Force's American Archives, *Washington*, 1837. ser. 4, v. 1, p. 686–690.)

—— —— The proceedings [Journals and Ordinances] of the convention of delegates for the counties and corporations in the Colony of Virginia, held at Richmond town, in the county of Henrico, March 20.–27., 1775 [July 17.–Aug. 26, 1775; Dec. 1., 1775–Jan. 20., 1776; May 6.–July 5., 1776]. Reprinted by a Resolution of the House of Delegates, of Feb. 24., 1816. *Richmond: Ritchie, Trueheart & Du-Val*, 1816. 116, 86, 19 pp. 4°.

—— —— —— March 20–27, 1775. (Force's American Archives. *Washington*, 1837. ser. 4, v. 2, p. 165–172.)

—— —— —— July 17–August 26, 1775. Proceedings. (Force's American Archives. *Washington*, 1837. ser. 4, v. 3, p. 365–430.)

—— —— —— Ordinances. (Hening. v. 9, p. 1–74.)

—— —— The proceedings of the convention of delegates, held at...Richmond, in the colony of Virginia, on Friday the 1st of December, 1775, and afterwards, by adjournment, in the city of Williamsburg. *Williamsburg: Prtd. by A. Purdie* [1776?]. 2 p.l., 106 pp. 4°.

—— —— —— (Force's American Archives. *Washington*, 1843. ser. 4, v. 4, p. 75–148.)

—— —— Ordinances passed at a convention held in the city of Williamsburg, in the colony of Virginia, on Friday the 1st of December, 1775. *Williamsburg: Prtd. by A. Purdie* [1776?]. 34 pp. 4°.

—— —— —— (Hening. v. 9, p. 75–107.)

—— —— May 6–July 5, 1775, at Williamsburg. Proceedings. (Force's American Archives. *Washington*, 1846. f°. ser. 4, v. 6, p. 1509–1616.)

—— —— —— Ordinances. (Hening. v. 9, p. 109–151.)

The Revolution.

Cooke (John Esten). Virginia in the Revolution. 8°.

Extr.: Harper's Magazine. June, 1876. p. 1–14.

Gilmer (George). Papers, military and political, 1775–1778, of George Gilmer...of "Pen Park," Albemarle County, Va. (In: Miscellaneous papers, 1672–1865, now first printed from the manuscripts in the collection of the Virginia Historical Society ...*Richmond*, 1887. 4°. (Virginia Historical Society Collections. New series, Vol. 6. p. 70–140.)

Henry (William Wirt). The causes which produced the Virginia of the revolutionary period; inaugural address. (Amer. hist. assoc. Ann. rpt. for 1891, p. 15–29. *Washington*, 1892.)

Nelson (Thomas), *jr.* Letters of T. Nelson, jr., governor of Virginia. *Richmond: Virginia Hist. Soc.*, 1874. 71 pp. 4°. (Virginia Historical Society. Publications, n. s., no. 1.)

Rowland (Kate Mason). The life of George Mason, 1725–1792. Including his speeches, public papers and correspondence, with an introduction by Gen. Fitzhugh Lee. *New York: G. P. Putnam's Sons*, 1892. 2 v. 8°.

1775.

Henry (Patrick). Speech...[in the Va. Assembly, March, 1775, ending: "give me liberty, or give me death!"]. (In: Patriot's (The) manual... *Utica*, 1828. 12°. pp. 13–16.)

Virginia, *Colony.*—*Governor.* By his Excellency the Right Hon. John Earl of Dunmore, his Majesty's Lieutenant and Governor General of the Colony and Dominion of Virginia, and Vice Admiral of the same: A Proclamation [dated Williamsburg, May 8, 1775, concerning grants of land to officers and soldiers]. [*Williamsburg*, 1775.] 1 p. f°.

1776.

Braxton (Carter). An address to the convention of the colony and ancient dominion of Virginia; on the subject of government.. By a native of that colony [*i. e.*, Carter Braxton]. *Philadelphia: Printed by J. Dunlap*, 1776. 25 p., 1 blank l. 8°.

History, 1776–1786.

Crumrine (Boyd). The County Court for the District of West Augusta, Virginia, held at Augusta Town, near Washington, Pa., 1776–77. An historical sketch...Printed...for the Washington County Historical Society... [*Washington, Pa.:*] *Observer Job Rooms*, 1905. 46 p., 2 maps, 1 pl. 8°.

Grigsby (Hugh Blair). The Virginia convention of 1776. A discourse delivered before the Virginia Alpha of the Phi Beta Kappa society... William and Mary college...Williamsburg...July 3rd, 1855...*Richmond, Va.: J. W. Randolph*, 1855. 206 p. 8°.

Virginia.—*Constitution.* Bill of rights... adopted June 12th, 1776. An amended constitution or form of government for Virginia. Adopted January 14th, 1830. *n.t.-p.* [1830?] 14 p. pap. 8°.

—— Virginia bill of rights, 1776. (In: Poore (B. P.) Constitutions. *Washington*, 1878. f°. p. 1908–1909.)

—— Declaration of Rights. (Copy of the first draught by George Mason.) A declaration of rights made by the...people of Virginia...adopted by the convention of Virginia, June 12, 1776. (In: Niles, Hezekiah—Principles and Acts of the Revolution...*Baltimore: Wm. Ogden Niles*, 1822, p. 123–124; *New York: A. S. Barnes & Co.*, 1876. p. 301–303.)

—— A collection of all such acts...of a public and permanent nature, as are now in force; with a table...to which are prefixed the Declaration of Rights, and Constitution...*Richmond: A. Davis.* 1794. 380 p. f°.

—— Constitution of Virginia, 1776. (In: Poore (Benjamin Perley). The federal and state constitutions...of the United States. *Washington*, 1878. p. 1910–1912.)

—— Same. In French. (In: Dufau's Collection des constitutions. v. 455.)

Washington (Henry Augustin). The Virginia constitution of 1776. A discourse...before the Virginia Historical Society...1852. *Richmond: McFarlane & Fergusson*, 1852. 51 p. 8°.

1777.

Exiles in Virginia; with observations on the conduct of the Society of Friends during the Revolutionary war, comprising the official papers of the government relating to that period, 1777–1778. [By T. Gilpin.] *Philadelphia:* [*C. Sherman, printer*] 1848. (2) v–xvi, 17–802 p., 1 pl. 8°.

Nelson (Thomas). Head Quarters, York [town, Va.], August 23, 1777. [Circular letter directing the chief officers of the militia of every county to transmit to the commander in chief of the state forces a full account of their arms, stores, and number of men enrolled. Signed in ms., Thos Nelson jr. B: Gl. *Yorktown*, 1777.] 1 p. 4°.

Minute (or order) book of the Virginia Court held for Ohio county, Virginia, at Black's Cabin (now West Liberty, W. Va.), from January 6, 1777, until September 4, 1780, when its jurisdiction over any part of Pennsylvania had ceased. Edited by B. Crumrine. (Annals of the Carnegie Museum. v. 3, p. 5–78. *Pittsburgh*, 1904.)

1778.

Brief (A) narrative of the revival of religion in Virginia. In a letter to a friend. *London: R. Hawes*, 1778. 35 p. 3. ed. 16°.

Hutchins (Thomas). A topographical description of Virginia, Pennsylvania, Maryland, and North Carolina, comprehending the rivers Ohio, Kenhawa, Sioto, Cherokee, Wabash, Illinois, Mississipi, &c... And an Appendix, containing Mr. Patrick Kennedy's journal up the Illinois river, and a list of the...nations and tribes of the Indians... *London: the author*, 1778. 1 l, ii, 67 p., 2 maps, table. 4°.

—— —— Another ed. with table of errata.

—— A topographical description of Virginia, Pennsylvania, Maryland, and North Carolina. Reprinted from the original edition of 1778. Edited by F. C. Hicks. *Cleveland: Burrows Bros, Co.*, 1904. 143 p., 1 facsim., 1 map, 2 plans, 1 table. 8°.

1782.

Evans (Israel). A discourse delivered near York in Virginia on the memorable occasion of the surrender of the British Army to the allied forces of America and France before the Brigade of New-York Troops and the Division of American Light-Infantry, under the command of the Marquis de la Fayette. *Philadelphia: Prtd. by F. Bailey*, 1782. 46 p. 8°.

Journal of a young lady [Lucinda Lee] of Virginia, 1782. [Edited by Emily V. Mason.] Printed and published for the benefit of the Lee Memorial Association of Richmond. *Baltimore: J. Murphy & Co.*, 1871. 1 p.l., v–vi, 7–56 p. 8°.

[**Jefferson** (Thomas).] Notes on the State of Virginia; written in the year 1781, somewhat corrected and enlarged in the winter of 1782, for the use of a Foreigner of distinction, in answer to certain queries proposed by him respecting 1. Its boundaries... 2. Rivers... 3. Sea ports... 4. Mountains... 7. Climate... 8. Population... 11. Aborigines... 13. Constitution... 15. Colleges, buildings, and roads... 17. Religion... 18. Manners... 22. Public revenue and expences. 23. Histories, memorials, and state-papers. [*Paris*,] 1782. 1 p.l., 326, 367–391 p. 8°.

This copy contains the autograph presentation inscription in English from Jefferson to Abbé Morellet, with a note of acknowledgment in French from the abbé and his bookplate.

Though dated 1782 the book was sent to press 13 Sept., 1784. Writing to Madison from Paris, 11 May, 1785, Jefferson said: "They yesterday finished printing my notes. I had 200 copies printed, but do not put them out of my own hands, except two or three copies here and two which I shall send to America, to yourself & Colo. Monroe."

—— —— Another copy. 1 p.l., 391 p., 1 table. 8°.

Bound after page 391 are (1) the map of Virginia that accompanied later editions; (2) Draught of a fundamental constitution for the Commonwealth of Virginia [*Paris*, 1786], 14 p.; (3) Notes on the establishment of a money unit, and of a coinage for the United States [*Paris*, 1786], 14 p., dated at end "Annapolis, May 9, 1784"; (4) An Act for establishing Religious Freedom, passed in the assembly of Virginia in the beginning of the year 1786 [*Paris*, 1786]. 4 p.

Pages 51–54 are reprinted in smaller type than that of first copy above noted, and p. 315–317 have typographical variations.

—— Observations sur la Virginie, Par M. J.***. Traduites de l'Anglois. *A Paris: chez Barrois*, 1786. 2 p.l., viii, 290 [really 390] p., 3 l., 1 map, 1 table. 8°.

French translation made by the Abbé Morellet.

History, 1787–1788.

—— Notes on the State of Virginia. Written by Thomas Jefferson. Illustrated with A Map, including the States of Virginia, Maryland, Delaware, and Pennsylvania. *London: John Stockdale*, 1787. 2 p.l., 382 p., 1 map, 1 table. 8°.

—— —— *Philadelphia: Printed by Prichard & Hall*, 1788. 2 p.l., 244 p., 1 table. 8°.

—— —— First hotpressed edition. *Philadelphia: R. T. Rawle*, 1801. (4), 436, (1) 56 p., 1 pl., 2 maps, 1 table. 8°.

—— —— 8. American edition. *Boston: D. Carlisle, printed for Thomas & Andrews, etc.*, 1801. 364 p., 1 map, 1 pl., 1 port. 8°.

—— —— 9. American edition. *Boston: H. Sprague*, 1802. 368 p., 1 map, 1 port., 1 tab. 16°.

—— Notes on the state of Virginia. With an Appendix relative to the murder of Logan's family. *Trenton: M. Carey*, 1803. 356 p., 1 map, 1 port., 1 table. 12°.

—— —— *Philadelphia: H. C. Carey & J. Lea*, 1825. 344 p. 12°.

—— —— *Richmond: J. W. Randolph*, 1853. 4 p.l., 275 p., 5 maps, 1 pl. New ed. 8°.

—— Notes on the state of Virginia. A reprint of the original edition of 1784. Edited by P. L. Ford. *Brooklyn: Hist. Print. Club*, 1894. 3 p.l., 235 p., 1 facsim., 1 map, 4 pl., 1 table. 8°.

Moore (Clement Clarke). Observations upon certain passages in Mr. Jefferson's notes on Virginia, which appear to have a tendency to subvert religion and establish a false philosophy. *New York*, 1804. 32 p. 8°.

1783.

United States.—*Congress, Continental*, 1775–1789. By the United States of America In Congress Assembled, A Proclamation, Declaring the Cessation of Arms, as well by Sea as by Land, agreed upon between the United States of America and his Britannic Majesty; and enjoining the Observance thereof. [Dated Philadelphia, Apr. 11, 1783. Followed by a proclamation of Benjamin Harrison, Governor of Virginia, enjoining obedience to the said proclamation; dated Richmond, Apr. 21, 1783.] *Richmond: Printed by John Hayes, Printer to the Commonwealth* [1783]. 1 p. f°.

1785.

Matthews (Albert). Notes on the proposed abolition of Slavery in Virginia in 1785. (Colonial Soc. of Mass. Publications. v. 6, p. 370–380. 1904.)

Virginia.—*Delegates, House of.* In The House of Delegates. Nov. 14, 1785. Whereas the relative situation of the United States, has been found on trial to require uniformity in their commercial regulations,... 1 p. f°.

1786.

Memorial and remonstrance, presented to the General Assembly, of the state of Virginia, at their session in 1785, in consequence of a bill brought into that assembly for the establishment of religion by law. *Worcester, Mass.: I. Thomas*, 1786. 16 p. 4°.

Parke (John). Virginia: a pastoral drama, on the birthday of an illustrious personage and the return of peace; February 11th, 1784. *Philadelphia: Prtd. by E. Oswald*, 1786. (In: Horace.—The lyric works of Horace translated into English verse... added, a number of original poems. By a native of America [*i. e.*, John Parke]. *Philadelphia*, 1786. p. 321–334. 8°.)

Virginia.—*Statutes.* An Act For appointing Deputies from this Commonwealth to a Convention proposed to be held in the City of Philadelphia in May next, for the purpose of Revising the Fœderal Constitution. [Passed the House of Delegates 9 Nov., Senate 23 Nov., 1786.] [*Richmond*, 1786.] 1 p. 4°.

1787.

Virginia.—*Delegates, House of.* In the House of Delegates, Thursday, the 25th of October, 1787. Resolved [that the proceedings of the Federal Convention be submitted to a Convention of the people. Agreed to by the Senate, Oct. 31.] [*Richmond*, 1787.] 1 p. 8°.

—— *Statutes.* Virginia, to wit: General Assembly begun and held at the Capitol in the city of Richmond, on Monday the fifteenth day of October, in the year of our Lord one thousand seven hundred and eighty-seven. An Act Concerning the Convention to be held in June next. Passed December 12th, 1787. [*Richmond*, 1787?] 1 p. f°.

1788.

L'**Académie** des Sciences et Beaux Arts des États-Unis de l'Amérique, Richmond, Va. Mémoire et prospectus, concernant l'Académie...établie à Richemond, capitale de la Virginie; par le Chevalier Quesnay de Beaurepaire, Fondateur-Président. *Paris: Cailleau, Imprimeur de l'Académie de Richemond*, 1788. 8 p.l., 52 p. 8°.

Virginia.—*Constitutional Convention*, 1788. Debates and other proceedings of the convention of Virginia, convened at Richmond, on Monday the 2. of June, 1788, for the purpose of deliberating on the Constitution recommended by the Grand Federal Convention. To which is prefixed the Federal Constitution. *Petersburg: Hunter & Prentis, prtrs.*, 1788–89. 3 v. 8°.

—— Form of the ratification of the new constitution by the convention of Virginia. [27 June, 1788. With the Declaration of rights, and the Amendments proposed.] (American Museum. *Philadelphia: M. Carey*, 1788. v. 4, p. 149–153.)

—— Debates and other Proceedings of the Convention of Uirginia [*sic*], convened at Richmond, on Monday, the second day of June, 1788, for the purpose of deliberating on the Constitution recommended by the grand Federal Convention. To which is prefixed the Federal Constitution. Taken in short hand, by David Robertson—of Petersburg. 2. ed. *Richmond: Ritchie & Worsley, and Augustine Davis*, 1805. viii, 477 p. 8°.

—— Journal of the Convention of Virginia; held in the City of Richmond, on the First Monday in June, in the Year of our Lord one thousand seven hundred and Eighty-eight. *Richmond: Thomas W. White*, 1827. 39 p. 8°.

Clason (A. W.) The Convention of Virginia, 1788. (Magazine of American History. v. 15, p. 566–589. *New York*, 1886. 8°.)

—— —— (In his: Seven conversations. *New York*, 1888. p. 68–102.)

History, 1788–1800.

DECIUS's letters on the opposition to the new constitution in Virginia, 1789. [By James Montgomery.] *Richmond: Printed by Aug. Davis* [1789]. 4 p.l., 134 p. 8°.

The half-titles, p. 65-82 and 129-134, are in facsimile from the Lib. of Congress copy, which has Jefferson's MS. notes.

GRIGSBY (Hugh Blair). The History of the Virginia Federal Convention of 1788, with some account of the eminent Virginians of that era who were members of that body. With a Biographical Sketch of the Author and Illustrative Notes edited by R. A. Brock. *Richmond:* [*Virginia Historical*] *Society*, 1890–91. 2 v. (Virginia Historical Collections. new series, v. 9 and 10.)

Vol. 1, pp. 363-372, contains text of the federal constitution.

HENRY (Patrick). On the Expediency of adopting the Federal Constitution. [Speech in] Convention of Virginia, June 4, 1788. (In: Johnston's American Orations. v. 1, p. 24–29. *New York*, 1884. 12°.)

—— [Speeches on the Federal Constitution delivered in the Virginia Convention, 4th to the 9th of June, 1788.] (In: Moore's American Eloquence. v. 1, p. 13–39. *New York*, 1857. 8°.)

—— Same. (In: Henry (W. W.) Patrick Henry. Life, Correspondence and Speeches. *New York*, 1891. v. 3, p. 431–600. 8°.)

—— Patrick Henry in the Virginia Convention, 1788. (Magazine of American History. v. 27, p. 211–212. *New York*, 1892. 8°.)

INDEPENDENT Journal, New York. Supplement to the Independent Journal, New-York, July 2, 1788. In our Independent Journal of this Morning, we announced the Ratification of the New Constitution by the Convention of Virginia... *New-York: J. & A. McLean* [1788]. 1 p. f°.

MADISON (James). [Speeches on the Federal Constitution delivered in the Virginia Convention, June, 1788.] (In: Moore's American Eloquence. v. 1, p. 127–144. *New York*, 1857. 8°.)

MARSHALL (John). [Speeches on the Federal Constitution delivered in the Virginia Convention, 10–20 June, 1788. (In: Moore's American Eloquence. v. 2, p. 10–20. *New York*, 1857. 8°.)

RANDOLPH (Edmund). [Speech on the Federal Constitution delivered in the Virginia Convention, 6th June, 1788.] (In: Moore's American Eloquence. v. 1, p. 165–173. *New York*, 1857. 8°.)

1791.

Tatham (William). A Topographical Analysis of the Commonwealth of Virginia, compiled for the years 1790–1. Shewing the Extent... of the several Counties... Population, Force, County Lieutenants, Representatives... Courts, Civil Lists, &c. ... *Richmond: Printed by Thomas Nicolson, exclusive printer for the author at that place* [1791]. 1 p. f°.

1793.

Virginia.—*Delegates, House of.* Resolved [Thursday, 28 November 1793]... that a state cannot, under the Constitution of the United States, be made a defendant at the suit of any individual or individuals... [*Richmond*, 1793.] 1 p. 12°.

1795.

Virginia.—*Courts.* Decisions of cases in Virginia by the High Court of Chancery, with remarks upon decrees by the Court of Appeals reversing some of those decisions. *Richmond: T. Nicolson*, 1795. 166 p., 1 l. f.°.

—— In the House of Delegates, Saturday, December 12, 1795. The House, according to the order of the day, resolved itself... [Resolution on amendments to the constitution concerning ratification of treaties, a tribunal for trial of impeachments, and the composition of the U. S. Senate.] 1 p. 8°.

1798–1799.

Virginia. Proceedings of the Virginia Assembly, on the answers of sundry States to their resolutions, passed in December, 1798. *Philadelphia: J. Carey*, 1800. 59 p. 8°.

—— —— *New York: Gardenier & Buell*, 1815. 1 p.l., 40 p. 8°.

—— *Federal Relations Committee.* Report and resolutions of the Virginia Legislature, in 1799, on the subject of our Federal relations. *n. t.-p.* 20 p. 4°. (Doc. no. 12.)

—— Virginia and Kentucky resolutions of 1798 and '99, with Jefferson's original draught thereof. Also, Madison's report, Calhoun's address, resolutions... in relation to State rights. With other documents in support of the Jeffersonian doctrines of '98. Published by Jonathan Elliot. *Washington*, 1832. 82 p. 8°.

—— The Kentucky and Virginia resolutions of 1798–1799. (In: Niles' Weekly Register, Supplement to Vol. 43, p. 1–24. *Baltimore*, 1833.)

—— The Virginia report of 1799–1800, touching the alien and sedition laws; together with the Virginia resolutions of December 21, 1798, the debate and proceedings thereon in the House of Delegates of Virginia, and... other documents... *Richmond: J. W. Randolph*, 1850. 1 p.l., ix–xvi, 17–264 p. 8°.

—— The Virginia and Kentucky resolutions with the Alien, Sedition, and other acts, 1798–'99. 1 p.l., 26 p. *New York: A. Lovell & Co.*, 1894. 12°. (American History Leaflets. no. 15.)

Hansford (Theodosius). Debates in the House of Delegates of Virginia, upon certain resolutions before the House, upon the... subject of the Acts of Congress, passed at their last session, commonly called the Alien and Sedition laws. [*Richmond?* 1798.] 1 p.l., 5–190 p., 1 l. 8°.

Address (The) of the Minority in the Virginia Legislature to the people of that State; containing a vindication of the constitutionality of the Alien and Sedition laws. *n. t.-p.* [*Richmond, Va.*, 1799.] 16 pp. 8°.

1800.

Addison (A.) Analysis of the report of the Committee of the Virginia Assembly, on the proceedings of sundry of the other states in answer to their resolutions. *Philadelphia: Z. Poulson, Jun.*, 1800. 54 p. 12°.

Virginia.—*House of Delegates.* Communications from several states, on the resolutions of the Legislature of Virginia, respecting the alien & sedition laws: also instructions from the General as-

History, 1800–1830.

sembly of Virginia, to their senators in Congress; and the report of the committee to whom was committed the proceedings of... other states in answer to the resolutions of the General assembly, of... Dec. 1798... *Richmond, Va.: M. Jones* [1800]. 104 pp. 16°.

1801–1859.

Letter to a member of the general assembly of Virginia, on the subject of the late conspiracy of the slaves; with a proposal for their colonization. 23 p. *Baltimore: Bonsal & Niles, printers*, 1801. 8°.

Letters (The) of the British Spy. [By William Wirt.] Originally published in the Virginia Argus, in August and September, 1803. *Richmond: S. Pleasants, Jr.*, 1803. 88 p. 2. ed. 8°.

—— —— *Richmond: S. Pleasants, jun.*, 1805. 128 p. 3. ed. 16°.

—— —— *Baltimore: F. Lucas, jr.*, 1817. 186 p., 1 pl., 1 port. 6. ed. 24°.

—— —— *Baltimore: F. Lucas, jun.* [1830?] 224 p., 2 pl. 8. ed. 24°.

—— —— 10. edition, revised and corrected. To which is prefixed, a biographical sketch of the author. *New York: J. & J. Harper*, 1832. 1 p.l., 9–260 p., 1 port. 12°.

Jones (Thomas). An Address to the People of Virginia: in two parts, shewing the danger arising from the unbounded influence of lawyers, and the impolicy of confiding to them the legislation of our State. *Winchester: Va.: J. Collett* [1807]. 36 p. 12°.

Address (An) to the Freeholders of the Congressional district composed of the counties of Greenbrier, Botetourt, Rockbridge, Monroe, Giles, Kenawha, and Mason. By a Citizen of the District. [*Staunton, Va.:*] *Political Censor*, 1809. 16 p. 8°.

Tour (A) through part of Virginia, in the summer of 1808, in a series of letters, including an account of Harper's Ferry, the natural bridge, the new discovery called Weir's Cave, Monticello, and the different medical springs, hot and cold baths, visited by the author [T. Caldwell]. *New York: printed for the author, H. C. Southwick, printer* [1809]. 31 p. 12°.

Virginia. Preamble and resolutions adopted by the General Assembly of Virginia on the subject of the right of the state Legislatures to instruct their Senators in Congress. [*Richmond*, 1812.] 28 p. 16°.

—— *Auditor's Office*. Muster rolls of the Virginia militia in the war of 1812, being a supplement to the pay rolls printed and distributed in 1851. Copied from rolls in the Auditor's office at Richmond. *Richmond: W. F. Ritchie, pub. prtr.*, 1852. xiv, 858 p. 8°.

Letters from Virginia, translated from the French. *Baltimore: Fielding Lucas, jr.*, 1816. 220 p. 24°.

Fordham (Elias Pym). Personal narrative of travels in Virginia, Maryland, Pennsylvania, Ohio, Indiana, Kentucky and of a residence in the Illinois Territory: 1817–1818... Edited by F. A. Ogg... *Cleveland: The A. H. Clark Co.*, 1906. 243 p., 3 plans, 1 pl. 8°.

Pocahontas; a proclamation with plates. *n. p.* [1820] 16 p. 8°.

Ravenscroft (John Stark), *bishop of North Carolina*. A sermon preached... at the opening of the Virginia Convention... 1820. *Philadelphia: W. Fry*, 1820. 31 p. 8°.

Virginia opposition to Chief Justice Marshall. Reprints from Richmond Enquirer, 1821. (The John P. Branch Historical Papers of Randolph-Macon College. v. 2, no. 2, p. 78–183. 1906.)

United States.—*Public Lands, Committee on.* Report... upon the subject of certain lands in the state of Ohio, situate between Roberts' and Ludlow's lines, with a bill to provide for the relinquishment of certain claims to land sold by the United States, in the state of Ohio. January 21, 1825. *n. t.-p.* [*Washington*, 1825.] 29 p., 1 tab. 8°. (18. Cong., 2. sess. [H. rpt.] 34.)

—— —— [Letters and memorials to the Committee on Public Lands relating to the western boundary of the Virginia military district and General McArthur's land claims.] February 22, 1825. *n. t.-p.* [*Washington*, 1825.] 13 p. 8°. (18. Cong., 2. sess. [S. doc.] 37.)

Wallace (Cadwallader). Memorial [submitting letter on claims to public lands between the Scioto and Little Miami Rivers]. December 24, 1827. *Washington: Gales & Seaton, prtrs.*, 1827. 31 p. 8°. (U. S. 20. Cong., 1. sess. H. doc. 19.)

—— To Thomas Scott and John Alexander. [A letter concerning Virginia military land and the Ohio boundary dated] Chillicothe, June 1st, 1827. *n. t.-p. n. p.* [1827?] 11 p. 4°.

—— —— [Letter dated] July 26, 1827. *n. p.* [1827?] 4 p. 4°.

—— To Littleton W. Tazewell and John Randolph. [A letter dated] Chillicothe, October 1, 1827 [concerning the Virginia military land and the Ohio boundary]. *n. t.-p. n. p.* [1827?] 14 p. 4°.

—— —— [Letter dated] December 10, 1827. *n. t.-p. n. p.* [1827?] 4 p. 4°.

—— [Correspondence of the Chairman of the Committee on public lands, in relation to the matter of the Virginia military land and the Ohio boundary.] [*Washington?* 1828?] 16 p. 4°.

Taylor (Robert B.) Speech... as delivered in the Convention... October 26, 1829, upon the subject of the right of suffrage, basis of representation, and taxation. *Richmond: T. W. White*, 1829. 16 p. 8°.

Virginia. Report of committee on revolutionary war claims. 4 p. (House Journal. Dec. sess. 1829. Doc. 14.)

—— —— Substitute proposed. (*ibid.* Doc. 15.)

Virginia.—*Constitution*. Constitution of Virginia, 1830. (In: Poore (Benjamin Perley). The federal and state constitutions... of the United States. *Washington*, 1878. f°. pp. 1912–1919.)

—— —— Proceedings and debates of the Virginia state convention of 1829–30, to which are subjoined the new constitution of Virginia and the

History, 1830–1833.

votes of the people. *Richmond: Printed by Samuel Shepherd & Co., for Ritchie & Cook*, 1830. iv, 920 p. 8°.

—— Proceedings and debates of the Virginia convention begun and held in the county of Richmond, Oct. 5, 1829...Jan. 15, 1830. *Winchester: S. H. Davis*, 1830. 1 p.l., 124 p. f°.

Reprinted by "Winchester Republican."

—— Bill of rights... adopted, June 12th, 1776. An amended constitution or form of government for Virginia. Adopted January 14th, 1830. *n. t.-p.* [1830?] 14 p. pap. 8°.

Grigsby (Hugh Blair). The Virginia Convention of 1829–30. A discourse delivered before the Virginia Historical Society, at their annual meeting, held in the Athenæum in the City of Richmond, Dec. 15, 1853. *Richmond: the Society*, 1854. 104 p. 8°.

Printed also in the Virginia Historical Reporter. vol. 1, part 1, pp. 15–116.

Young (C. H.) Virginia constitutional convention of 1829. (In: The John P. Branch historical papers of Randolph-Macon College, no. 2, 1902, p. 100–110.)

To the Honorable the Congress of the United States, the memorial of the commonwealth of Virginia, by her commissioner and agent [asking for settlement of claims against the United States for value of 150,000 acres of land to enable the State to give to certain revolutionary officers half pay for life]. *n. t.-p.* [183–?] 15 p. 8°.

Drewry (W. S.) *Slave insurrections in Virginia, 1830–1865. Johns Hopkins University. *Washington: Neale Co.*, 1900. 201 p., 1 l., 1 map, 33 pl., 4 port. 8°.

Virginia. Report of committee on Virginia revolutionary war claims. 5 p. (House Journal, Dec. Sess., 1830. Doc. 32.)

To the General Assembly of the Commonwealth of Virginia, the heirs and representatives of General Thomas Nelson of York-Town, represent: That their ancestor was an active agent in the war of the revolution [*etc.*] [*Richmond?* 1831.] (8) p. 8°.

This is the second claim for indemnity made by the heirs of Thomas Nelson, signer of the Declaration of Independence, member of the Continental Congress, and governor of Virginia. The first was presented in 1822 through the efforts of St. George Tucker, but remained dormant until renewed in 1831; the second appeal was referred to the First and Second Auditors, who reported adversely as noted below. The heirs petitioned the U. S. Congress, on Dec. 10, 1833, but this attempt was also reported unfavorably. See on this and related matter, articles by R. A. Brock, in *The Richmond Standard*, June 7 and Dec. 13, 1879; Sept. 25, 1880.

Virginia. Report on "An act referring to the first and second auditors and treasurer, the petition and accompanying documents of heirs of General Thomas Nelson" for revolutionary war claims. 10 p. (House Journal, Dec. Sess., 1831. Doc. 9.)

[**Warner** (Samuel).] Authentic and impartial narrative of the tragical scene which was witnessed in Southampton County (Virginia) on.. the 22d of August last, when fifty-five of its inhabitants (mostly women and children) were inhumanly massacred by the blacks! [*New York:*] *Printed for Warner & West*, 1831. [3-]38p., 1 folded pl. 12°.

Agricola. Virginia doctrines, not nullification. Published in the Richmond Enquirer... 1832...*Richmond: S. Shepherd & Co.*, 1832. 52 pp. 8°.

Appomatox. The letter of Appomatox to the people of Virginia, exhibiting a connected view of the recent proceedings in the House of Delegates, on the subject of the abolition of slavery...47 pp. *Richmond: T. W. White, printer*, 1832. 8°.

Berry (H.) The speech of H. Berry in the House of delegates of Virginia, on the abolition of slavery. [*Richmond?* 1832?] 8 pp. 8°.

Bolling (P. A.) The speeches of P. A. Bolling ...in the House of delegates of Virginia, on the policy of the State in relation to her colored population: delivered on the 11th and 25th of January, 1832...*Richmond: T. W. White*, 1832. 2. ed. 16 pp. 8°.

Chandler (J. A.) The speech of J. A. Chandler...in the House of delegates of Virginia, on the policy of the State with respect to her slave population. Delivered Jan. 17, 1832. *Richmond: T. W. White*, 1832. 10 pp. 8°.

Dew (Thomas Roderick). Review of the debate in the Virginia Legislature of 1831 and 1832. *Richmond: T. W. White*, 1832. 133 pp. 8°.

Faulkner (C. J.) The speech of C. J. Faulkner ...in the House of delegates of Virginia on the policy of the State with respect to her slave population. Delivered Jan. 20, 1832. *Richmond: T. W. White*, 1832. 22 pp. 8°.

M'Dowell (J.) jr. Speech of J. M'Dowell jr. ...in the House of delegates of Virginia, on the slave question: delivered...Jan. 21, 1832. *Richmond: T. W. White*, 1832. 2. ed. 33 pp. 8°.

Marshall (T.) The speech of T. Marshall... in the House of delegates of Virginia, on the policy of the State in relation to her colored population: delivered...Jan. 14, 1832... *Richmond: T. W. White*, 1832. 2. ed. 8°.

United States.—*Statutes.* Resolution explanatory of the third section of the act of fifth July, one thousand eight hundred and thirty-two, entitled "An act for liquidating and paying certain claims to the State of Virginia." [*Washington*, 1833.] 2 p. 4°. (22. Cong., 2. Sess. H. R. 16.)

Virginia. List of officers of Virginia continental and state line, and state navy whose names appear on army register and have not received land for revolutionary services. 18 pp. (Jol. House, Dec., 1833. Doc. 31.)

—— List of portion of Armond's corps....list of officers and soldiers of the Virginia continental line...who have not received land for revolutionary war services. 16 p. (House Journal, Dec., 1833. Doc. 34.)

Virginia (The) scrivener,...forms of bonds, contracts, conveyancing, and other instruments of writing...accompanied by...explanatory rules of law, with the mode of authenticating deeds for record in all the states of the Union. Prepared by a gentleman of the bar of Staunton. To which are prefixed the Constitution of the U. S., the Bill of rights, and new Constitution of Va. *Staunton, Va.: K. Harper*, 1833. iv, 5–181 pp. 8°.

History, 1834–1850.

Virginia. Report of the select committee [on claims to land bounty for services in the war of the revolution] December 18th, 1834. *n.t.-p.* [*Richmond*, 1834.] 13 pp. 8°.

—— —— —— 8 p. (House Journal. Dec. Sess., 1834. Doc. 8.)

—— —— List of claims for bounty land for revolutionary services, acted upon by governor since April 1, 1834. 20 pp. (House Journal. Dec. Session, 1834, Doc. 35.)

—— —— List of non-commissioned officers and soldiers and non-commissioned officers and seamen and marines of state navy whose names are in the army register, and who have not received bounty land for revolutionary services. 19 pp. (House Journal. Dec. Session, 1834, Doc. 43.)

—— —— List of non-commissioned officers and soldiers of Va. line on continental establishment whose names appear on the army register and who have not received bounty land. 51 pp. (House Journal. Dec. Sess., 1834, Doc. 44.)

—— —— Opinion of Attorney General re revolutionary claims. 5 pp. (House Journal. Dec. sess., 1834, Doc. 45.)

—— —— Report of select committee to whom was referred part of the Governor's message re revolutionary claims. (House Jrl. Dec. sess., 1834: p. 92–96.)

—— —— Report of Commissioners of revolutionary war claims. 118 p. (House Journal, 1835. Doc. 6.)

Proceedings of a convention of Republican delegates, from the adjacent counties, held in Fredericksburg...1836, including an address to the Republicans of Virginia. *Fredericksburg: the Arena, printer*, 1836. 17 p. 8°.

Rogers (William B[arton]). Report of the geological reconnoissance of the state of Virginia... *Philadelphia: Desilver, Thomas & Co.*, 1836. 143 (i) p., 1 map. 8°. (Virginia Public Works, Bd. of.)

Sketch of Western Virginia; for the use of British settlers in that country. *London: E. Bull*, 1837. vi, 1 l, 118, 6 p., 1 map. 12°.

New York State.—*Governor.* Correspondence between the Governor of New York and the Executive of Virginia, 1839–40, concerning the disposition of fugitives. *n.t.-p.* [1839] 41–115 p. 8°.

United States.—*Public Lands, Committee on.* Military land warrants. Report [on resolution relating to an appropriation of land to satisfy military bounty land warrants]. To acc. bill H. R. 280. April 4, 1840. *n. t. p.* [*Washington:*] *Blair & Rives, prtrs.* [1840] 5 pp. 8°. (26. Cong., 1. sess. H. rpt. 317.)

—— *Revolutionary Claims, Committee on.* Virginia revolutionary claims—bounty land and commutation pay. Report. April 24, 1840. *n. t.-p.* [*Washington:*] *Blair & Rives, prtrs.* [1840] 135 pp. 8°. (26. Cong., 1. sess. H. rpt. 436.)

—— *Public Lands, Committee on.* Cadwallader Wallace. Report [on the petition of C. Wallace, praying compensation for lands in the Virginia military reservation appropriated by virtue of Virginia military land warrants and sold by the United States government]. May 25, 1840. *n. t.-p.* [*Washington*, 1840.] 20 pp. 8°. (26. Cong., 1. sess. H. rpt. 509.)

—— Same. Feb. 9, 1842. [*Washington*, 1842.] 5 pp. (27. Cong., 1. sess. H. rpt. 189.)

—— Same. To acc. bill S. no. 261. Aug. 10, 1846. [*Washington:*] *Ritchie & Heiss, prtrs.* [1846] 40 pp. (29. Cong., 1. sess. S. doc. 485.)

—— Same. To acc. bill S. no. 54. Dec. 28, 1846. [*Washington*, 1847.] 40 pp. (29. Cong., 2. sess. S. doc. 20.)

—— Same. To acc. bill S. no. 44. Dec. 30, 1847. [*Washington*, 1848.] 45 pp. (30. Cong., 1. sess. S. rpt. 10.)

Virginia. Report of the progress of the geological survey of the state for 1839; by W. B. Rogers. [Imperfect?] *Richmond*, 1840. 160 p., dia. 8°.

Bayl[e]y (Thomas Henry). Speech of Mr. Bayly of Accomack, on the bill to prevent citizens of New York from carrying slaves out of this commonwealth, and to prevent the escape of persons charged with the commission of any crime, and in reply to Mr. Scott of Fauquier, delivered in the House of Delegates of Virginia, on the 25th and 26th of February, 1841. *Richmond: Shepherd and Colin*, 1841. 38 pp. 8°.

Letter to his Excellency Wm. H. Seward, Governor of the state of New York, touching the surrender of certain fugitives from justice. [Signed: By A Virginian, now a citizen of New York.] *New York: W. Osborn*, 1841. 100 pp. 8°.

Carter (St. Leger L.) Nugæ, by Nugator; or Pieces in prose and verse. *Baltimore: Woods & Crane*, 1844. iv, 5–215 pp. 16°.

United States.—*Ways and Means, Committee of.* Thomas Green. Report [submitting the memorial of T. Green, commissioner, on behalf of Virginia, claiming payments for certain revolutionary services]. To acc. bill H. R. no. 365. May 15, 1844. *n. t.-p.* [*Washington:*] *Blair & Rives, prtrs.* [1844] 45 pp. 8°. (28. Cong., 1. sess. H. rpt. 475.)

Green (Thomas). [Letter concerning the Virginia military land, dated] Richmond, December, 1844. n. p. [1844?] 8 p. 4°.

United States.—*Public Lands, Committee on.* Heirs of Colonel Archibald Loughery. Report [on petition of A. Loughery's heirs, making application for Virginia bounty lands]. May 16, 1848. *n. t.-p.* [*Washington*, 1848.] 5 p. 8°. (30. Cong., 1 sess. H. rpt. 605.)

Thorburn (Grant). Laurie Todd's notes on Virginia: with a chapter on puritans, witches and friends. *New York: the author*, 1848. 36 p. 8°.

United States.—*Public Lands, Committee on.* Cadwallader Wallace. Report [on bill for the relief of C. Wallace, proposing compensation for claims to lands in the Virginia military reservation.] To acc. bill S. no. 44. February 27, 1849.] *n. t.-p.* [*Washington*, 1849.] 14 p. 8°. (30. Cong., 2 sess. H. rpt. 118.)

Virginia claims. Statement [concerning the payment of Revolutionary debts]. *n. t.-p.* n. p. [185–?] 12 p. 8°.

History, 1850–1857.

Botts (John Minor). Speech at Powhatan Court House, Va., June 15, 1850. *n. t.-p.* 8°.

Scott (Robert G.) Address on the state convention. *Richmond* [1850]. 8°.

Virginia.—*Constitution.* Constitution of Virginia, 1850. (In: Poore (Benjamin Perley). The federal and state constitutions... of the United States. *Washington*, 1878. f°. p. 1919–1937.)

—— Journal, acts and proceedings of a general convention of the State of Virginia, assembled at Richmond, on Monday, October 14, 1850. With appendix to the Journal: being a journalized account of the proceedings in Committee of the Whole upon the basis of representation. *Richmond: William Culley*, 1850. v. p. 8°.

Journal, with appendix, 424, 23 pp. (1850); Basis of Representation, and amendment, 82 pp. (n. d.); Bill of Rights of Va., 1776–1851, 5 p. (1851); Constitution 1851, 40 pp. (1851).

—— Same. Another issue.

Journal, with appendix, 424, 23 pp. (1850); Basis of Representation, and amendments, 15, 5 pp. (n. d.); Bill of Rights of Va., 1776–1851, 5 pp. (1851); Constitution, 1851, 40 pp. (1851); Resolutions, Reports, Amendments, v. p. (n. d.)

—— Documents containing statistics of Virginia, ordered to be printed by the state convention sitting in the city of Richmond, 1850–51. *Richmond: William Culley*, 1851. v. p. 8°.

Contents: Statement showing the number of patents issued annually from the Virginia land office, from Jan. 1, 1840, to Oct. 31, 1850, and the amount of acres of land patented.—Statement of the number of persons paying taxes on land, slaves and other property, 1850.—Statement showing the values of the lands and lots in the counties and districts of Virginia, under the assessment of 1850.—Statement showing the amount paid out of the treasury in each year for convict slaves from 1800 to 1850.—Statement of expenditures of the Commonwealth for the year ending Sept. 30, 1850, divided among the counties, cities and towns.—Statement of taxes assessed for each county, city and town, and the amount of each subject to taxation for the year 1850.—Table showing the amount of tax that would be payable by each county, city and town under the recent assessment of lands at the rate of taxation now prescribed by law.—Statement shewing the amount of taxes assessed for each county, city and town, for the years 1790, 1800, 1810, '20, '30, and '40.—Statement shewing the average value of lands per acre, for the years 1800, 1820, 1840 and 1850.—Statement shewing the value of all the real estate and personal property in each of the counties, cities and towns, taxed in 1849 and 1850.—Tables shewing the number of free white persons over the age of twenty years, in Virginia, who cannot read and write, the number of free white, free colored and slave titheables in 1830, 1840 and 1850.—Statement showing the number of white males and white females over twenty-one years of age, in Virginia.—Report of the second auditor in relation to the internal improvements to which the state has contributed by subscriptions, loans and appropriations.—Statement shewing the appropriations made by the last General assembly to works of internal improvement.—Statement from the governor relative to the unfinished improvements in which the state is interested.—Report of the second auditor in relation to the number of poor children sent to school, and the number of schools in the state, and what portion of the literary fund has been loaned to colleges, academies, &c.—Statement of the second auditor shewing the debt, liabilities and resources of Virginia, to April 1, 1851—Statement of causes pending in the Court of Appeals at Lewisburg, 22 Oct., 1850.—Statement of causes pending at the Court of Appeals at Richmond.—Abstracts from the reports of the clerks of the court of appeals and of the circuit superior courts of law and chancery for the years ending 30th August, 1838 to 1849.—Statement of the number of justices of the peace in Virginia, from 1830.

—— *Revolutionary Claims, Committee on.* Report on the subject of revolutionary claims [to bounty land], 1851. n. p. [1851] 14 p. 8°. (Doc. 46.)

—— —— —— (House Journal. Dec. Session. 1850–1. p. 174–183.)

United States.—*Public Lands, Committee on.* Report [of the committee to whom was referred the petition of Cadwallader Wallace, being a statement of facts concerning Virginia military land bounties]. To acc. S. bill no. 401. April 28, 1852. *n. t.-p.* [*Washington*, 1852.] 3 p. 8°. (32. Cong., 1 sess. S. rept. 205.)

—— Petition of heirs of Ambrose Walden, for bounty land for revolutionary services of their ancestors: Jan. 27, 1852. 12 p. (Jol. Sen., Jan. 1852. Doc. 4.)

"**Clerke** of Oxenforde." The blackwater chronicle: narrative of an expedition into the land of Canaan in Randolph county, Virginia... *New York: Redfield*, 1853. 223 p., 2 pl. 12°.

Douglass (*Mrs.* Margaret). Educational laws of Virginia. The personal narrative of Mrs... Douglass, a southern woman, who was imprisoned ... in... Norfolk, under the laws of Virginia, for ... teaching free colored children to read. *Boston: J. P. Jewett & Co.*, 1854. 65 p. nar. 8°.

Virginia.—*Senate.* Bill to incorporate the Virginia Canal Company and to transfer the rights and franchises of the James River and Kanawha Company thereto. n. p. [1854?] 96 p. 8°.

—— *James River & Kanawha Co. Committee.* Report of the joint committee on the affairs of the James River and Kanawha Co., 1853–4. [*Richmond*, 1854] 35 p. 8°. (Doc. no. 62.)

Wise ([Henry Alexander]). Religious liberty. Equality of civil rights among native and naturalized citizens. The Virginia campaign of 1855. Governor Wise's letter on Knownothingism, and his speech at Alexandria. n. p. [1854] 67 p. 8°.

Caskie (James). Speech before the [Virginia] Senate committee on banks, Dec. 17, 1855. *Richmond*, 1856. 8°.

Slaughter (Philip). The Virginian history of African colonization. *Richmond: Macfarlane & Ferguson*, 1855. xx, 116 p. 4°.

Hambleton (J. P.) A biographical sketch of Henry A. Wise, with a history of the political campaign in Virginia in 1855... *Richmond, Va.: J. W. Randolph*, 1856. xxxvi, 509 p., 1 port. 8°.

Hopkins (S.) The youth of the Old Dominion. *Boston: J. P. Jewett & Co.*, 1856. viii, 473 p. 12°.

Wise (Henry Alexander). The life and death of Sam, in Virginia. By a Virginian [*i. e.*, H. A. Wise]. *Richmond: A. Morris*, 1856. 2 p.l., vii–viii, 13–308 p. 12°.

Wise (John Sergeant). The end of an era. *Boston: Houghton, Mifflin & Co.*, 1899. iv, 1 l., 474, 1 p. 8°.

Wise (Barton Haxall). The life of Henry A. Wise of Virginia, 1806–1876. *New York: Macmillan Co.*, 1899. xiii, 434 p., 1 port. 8°.

Bisbie (D. T.) An appeal for the speedy completion of the water line of Virginia, and through that of the great central water line of the Union, etc. *Norfolk*, 1857. map. 8°.

Fitzhugh (G.) Cannibals all! or, Slaves without masters. *Richmond, Va.: A. Morris*, 1857. xxiii, 379 p. 12°.

Virginia illustrated: containing a visit to the Virginian Canaan, and the adventures of Porte

History, 1857–1861.

Crayon and his cousins. Illustrated from drawings by Porte Crayon [*i.e.*, David Hunter Strother]. *New York: Harper & Brothers*, 1857. 300 p. illus. 8°.

—— —— *New York: Harper & Brothers*, 1871. 300 p. illus. 8°.

Beyer (Edward). Album of Virginia, or illustration of the old dominion. n. p., 1858. 40 pl. ob. f°.

Ellet (C.), *jr.* Report on the tariff for the Virginia Central R. R. [*Washington, D. C.*, 1858] 38 p. 8°.

Holcombe (James P.) An address delivered before the 7. annual meeting of the Virginia State Agricultural Society, Nov. 4, 1858. 21 p. *Richmond: Macfarlane & Ferguson*, 1858. 8°.

Virginia.—*Governor.* A list of commissioners [in other states, &c., appointed by the executive of Virginia, and appearing to be in office on the 31. day of December, 1857, with dates of appointment and residence of each commissioner]. *n. t.-p.* [1858] 7 p. 8°.

—— Same. [Commissioners appointed during 1858 and 1859.] n. p. [1860?] 8 p. 8°. (Doc. 36. 1860?)

Moorman (J. J.) The Virginia springs and springs of the south and west. *Philadelphia: J. B. Lippincott & Co.*, 1859. xxvii, (1), 25–403 p., 5 pl., 2 maps. 12°.

Virginia.—*Public Works Board.* Letter of I. Robinson, state proxy in the Chesapeake and Ohio Canal, to the board of public works of Virginia, in reference to the policy of the Baltimore and Ohio railroad towards the canal. [*Martinsburg*, 1859.] 6 p. 8°.

1860.

"Barbarossa"—*pseud. of* Captain J. Scott. The lost principle; or, The sectional equilibrium: how it was created—how destroyed—how it may be restored. *Richmond, Va.: J. Woodhouse & Co.*, 1860. viii, 9–266 p. 8°.

Grigsby (H. B.) Discourse on the life and character of the Hon. Littleton Waller Tazewell... *Norfolk: J. D. Ghiselin, jr.*, 1860. 124 p. 8°.

Shriver (H.) Rain-fall; average temperature ... *Wytheville*, 1860–86. *n.t.-p.* 3 p. 16°.

Virginia.—*Auditor's Office.* Tables showing the population of the several districts of the state of Virginia, as returned by the eighth census, 1860. And the federal numbers of the counties. [*Wheeling*, 1860.] 8 p. 8°.

—— Report of the select committee on revolutionary war claims. Feb. 10, 1860. 22 p. (Annual Reports. 1859–60. Doc. 77.)

—— *Statutes.* Laws in relation to Commissioners and Collectors of the public revenue... now in force. Published by the Auditor of Public Accounts. *Richmond: Enquirer...Office*, 1860. 205 p. 8°.

1861.

Bruff (J. G.) Army map of the seat of war in Virginia, showing battle fields, fortifications, etc., on and near the Potomac River. *New York: J. Disturnell* [1861?]. f°.

Dix (John Adams). Proclamation to the People of Accomac and Northampton counties, Va. *Baltimore*, 13 Nov. 1861. single sheet, folded 8°.

Goode (John). The Virginia secession convention of 1861. (Conservative Rev. v. 3, p. 75–89. *Washington*, 1900.)

Segar (J. F.) Speech in the House of Delegates of Virginia, March 30, 1861, on the resolutions of the Senate, directing the Governor of Virginia to seize by military force, the U. S. guns at Bellona arsenal; and on the secession of Virginia. *n. t.-p.* [*Richmond?* 1861.] 8°.

Virginia—*Constitution.* Constitution of Virginia, 1861. (In: Poore (Benjamin Perley). The federal and state constitutions...of the United States. *Washington*, 1878. f°. p. 1937.)

Brief synopsis.

—— The new constitution of Virginia, with the amended bill of rights, as adopted by the reform convention of 1850–51, and amended by the convention of 1860–61. *n. p.*, *n. d.* 27 p. 8°.

—— Journal of the acts and proceedings of a General Convention of the State of Virginia assembled at Richmond. Feb. 13, 1861. *Richmond: W. M. Elliot*, 1861. v. p. 8°.

—— —— Appendix to the journal, commencing with a journalized record of the proceedings in committee of the whole upon federal relations. *n. p.* [1861] 136 p. 8°.

—— [Documents of the Convention.] nos. 1–54. [*Richmond*, 1861.] 8°.

—— Addresses delivered before the Virginia state convention by Hon. Fulton Anderson (commissioner from Mississippi), Hon. Henry L. Benning (Commissioner from Georgia), and Hon. John S. Preston (commissioner from South Carolina), Feb. 1861. *Richmond: Wyatt M. Elliott, prtr.*, 1861. 64 p. 8°.

—— Portions of journal of secret session of the Convention, withheld from publication at its session ending May 1, 1861. *n. p.* [1861.] 26 p. 8°.

—— —— Ordinances adopted by the convention of Virginia at the adjourned session in June and July, 1861. *n. p.*, *n. d.* 1 p.l., 49–73 p., 1 l. 8°.

—— —— Ordinances of the convention assembled...11th of June, 1861. *Wheeling*, 1861. 3–22 p. (In: West Virginia. Legislature. Ordinances and acts of the restored government of Virginia. Wheeling, 1866. 8°.)

—— —— Ordinances adopted by the convention of Virginia, at the adjourned session in November and December, 1861. *n. p.*, *n d.* 11 p. 8°.

—— *Governor.* Governor's communication on the subject of secession of Alabama and Georgia. Jan. 1861. *n. t.-p.* 1861. 7 p. 8°. (Doc. 17.)

—— —— Governor's communication announcing the secession of Mississippi, Jan. 1861. *n. t.-p.* 5 p. 8°. (Doc. 12.)

—— —— Governor's communication enclosing letter from Judge [John] Robertson...[relating to his mission to the seceding states.] Feb. 1861. *n. t.-p.* 1861. 6 p. 8°. (Va. Governor. Doc. 28.)

—— —— Governor's communication transmitting documents from several states. [Containing the Louisiana secession ordinance, and the Indiana

History, 1861–1866.

resolution in response to the invitation of Virginia for a convention in Washington.] Feb. 11, 1861. *n. t.-p.* 16 p. 8°. (Doc. 29.)

—— —— Governor's communication transmitting documents from Texas. February, 1861. [joint resolution relative to coercion.] *n. t.-p.* 7 p. 8°. (Doc. 33.)

—— —— Governor's communication transmitting report of Judge [John] Robertson [on his mission to the seceding states], and accompanying document. *n. t.-p.* [1861.] 15 p. 8°. (Va. Governor. Doc. 36.)

—— —— Governor's communication transmitting a joint resolution of Congress to amend the constitution of the United States, March, 1861. *n. t.-p.* 9 p. 8°. (Doc. 43.)

—— *State and Federal Relations Committee.* Report of the joint committee on state and federal relations, 1861. *n. t.-p.* 1861. 3 p. 8°. (Doc. 13.)

—— —— Report, Jan. 17, 1861. 3 p. 8°. (Doc. 15.)

Virginius, *pseud.* Four essays on the right and propriety of secession by Southern states. By a member of the bar of Richmond. [Signed Virginius.] *Richmond: Ritchie & Dunnevant*, 1861. 56 p. 8°.

1863.

Sentinel—Extra. Saturday, June 20, 1863. Later from the United States. Great excitement in Yankeedom...[*Richmond*, 1863.] 1 p. f°.

Sentinel—Extra. Tuesday, June 23, 1863. Another victory at Vicksburg...[*Richmond*, 1863.] 1 p. f°.

Sentinel—Extra. Tuesday, July 7, 1863—Six o'clock P.M. Still later from the north. [*Richmond*, 1863.] 1 p. 4°.

Sentinel—Extra. Monday, July 6, 1863—Six o'clock P.M. Later from the north. [*Richmond*, 1863.] 1 p. 4°.

Virginia.—*Senate.* Correspondence and remarks on two occasions in the Senate of Virginia, on the subject of martial law and arrests and confinement of civilians by military orders. *Richmond: J. E. Goode, prtr.*, 1863. 32 p. 8°.

1864.

Virginia.—*Constitution.* Constitution of the State of Virginia and the ordinances adopted by the convention which assembled at Alexandria on the 13. day of February, 1864. *Alexandria: D. Turner, printer to the state*, 1864. 31 p. 8°.

—— Constitution of Virginia, 1864. (In: Poore (Benjamin Perley). The federal and state constitutions...of the United States. *Washington*, 1878. p. 1937–1952. f°.)

1865.

Peirpont (F. H.) Reorganization of civil government. Speech of Gov. F. H. Peirpont, delivered at Mechanic's Hall in the city of Norfolk, on...Feb. 16, 1865. *n. t.-p.* [*Norfolk, Va.*, 1865.] 7 p. 8°.

We celebrate the fall of Richmond! *Philadelphia: Loag, print.* [1865] 1 p. f°.

The War, in General.

McCarthy (Carlton). Contributions to a history of the Richmond Howitzer battalion. 1–4. *Richmond, Va.: C. McCarthy & Co.*, 1883–86. 4 v. in 1. 8°.

v. 4 published by J. W. Randolph & English.

Crawford (J. M.) Mosby and his men. *New York*, 1867. port. 12°.

Figg (R. W.) "Where men only dare to go!": or, The story of a boy company. (C. S. A.) By an ex-boy [*i. e.*, R. W. Figg]. *Richmond: Whittet & Shepperson*, 1885. 2 p.l., vii–viii, v–vi, 17–263 p., 1 pl. 8°.

Recollections of The Parker battery, Confederate artillery.

Goodhart (B.) History of the Independent Loudoun Virginia Rangers, U. S. Vol. Cav. (scouts) 1862–65. (6), 234 p., 27 port., 4 pl., 4 maps. ill. *Washington, D. C.: Press of McGill & Wallace*, 1896. 8°.

Harrison (Walter). Pickett's men; a fragment of war history; with a portrait of Gen. Pickett. *New York*, 1870. 12°.

Munson (John W.) Reminiscences of a Mosby guerrilla. *New York: Moffat, Yard & Co.* [1906] x, 2 l., 277 p., 2 fac-sim., 8 pl. 7 port. 8°.

O'Ferrall (Charles T.) Forty years of active service; being some history of the war between the Confederacy and the union, and of...events leading up to it...*New York: The Neale Pub. Co.*, 1904. 367 p., 1 port. 8°.

Page (R. C. M.) Sketch of Page's battery; or, Morris artillery...by One of the Company [R. C. M. Page]. *New York: T. Smeltzer, printer*, 1885. 82 p., 1 l. 12°.

Roster of Crenshaw battery, Pegram's artillery battalion, 3d corps, Army of Northern Virginia, of Richmond, Virginia. *Richmond: Johns & Goolsby*, 1884. 8 p. 8°.

Virginia's contribution to Confederate States Army. (South. Historical Society Papers. v. 32. p. 43–45. *Richmond, Va.*, 1904. 8°.)

From the William and Mary College Quarterly, Oct. 1904, p. 141–2.

Williamson (J. J.) Mosby's rangers: a record of the operations of the forty-third battalion Virginia Cavalry from the organization to the surrender ...with personal reminiscences, sketches of skirmishes, battles...in the history of Mosby's command ...*New York: R. B. Kenyon*, 1896. 510 (1) p., 1 pl. port., maps, fac-sim., ill. 8°.

Reconstruction.

Eckenrode (Hamilton James). The political history of Virginia during the reconstruction... *Baltimore*, 1904. 128 p. 8°. (Johns Hopkins University Studies in Historical and Political Science, v. 22, no. 6–8.)

Stuart (Alexander Hugh Holmes). A narrative...of the first popular movement in Virginia in 1865, to re-establish peaceful relations between the northern and southern states, and of the..."Committee of Nine," in 1869, to secure the restoration of Virginia to the union. *Richmond, Va.: W. E. Jones*, 1888. 72 p. 8°.

1866.

Hughes, Denver & Peck. Argument in support of the right of the United States to hold the coin

History, 1866–1874.

and bullion claimed by the Bank of Virginia, the Farmer's bank. and the Exchange bank, all of Richmond, Va. *Washington*, 1866. 22 p. 8°.

1867.

Munford (G. W.) The jewels of Virginia: a lecture, delivered...in Richmond, January 18, 1867. *Richmond: Gary & Clemmitt, printers*, 1867. 50 p. 8°.

1868.

[**Lorraine** (E.)] The central water-line from the Ohio river to the Virginia capes, connecting the Kanawha and James rivers, affording the shortest outlet of navigation from the Mississippi basin to the Atlantic. *Richmond, Va.: Gary & Clemmitt*, 1868. 95 p., 1 map. 8°.

—— —— *Richmond: Gary, Clemmitt & Jones*, 1869. 96 p., 1 map. 2. ed. 8°.

Maury (Matthew Fontaine). Physical survey of Virginia. Preliminary report. Her geographical position; its commercial advantages and national importance. *Richmond: W. A. Nye*, 1868. 90 p., 1 l., 2 maps. 8°.

—— —— *New York: D. Van Nostrand*, 1869. 100 p., 1 map. 2 ed. 8°.

Virginia.—*Constitution.* The constitution of Virginia framed by the convention which met in Richmond...Dec. 3, 1867. Passed April 17, 1868. *Richmond: Office of New Nation*, 1868. 41 p., 1 l. 8°.

—— Letter of the Secretary of War, communicating a corrected copy of the constitution framed by the Virginia convention, as furnished by Brevet Major General J. M. Schofield, commanding the first military district. [*Washington: Govt. Prtg. Office*, 1868.] 26 p. 8°. (U. S. 40. Cong., 2. Sess. Senate Ex. Doc. No. 54.)

—— Constitution of Virginia—1870. (In: Poore (Benjamin Perley). The federal and state constitutions of...the United States. *Washington*, 1878. f°. p. 1952–1976.)

—— Journal of the constitutional convention of the State of Virginia, convened in the city of Richmond, December 3, 1867. *Richmond: Printed at the office of the New Nation*, 1867. 391 p. 8°.

—— Debates and proceedings of the constitutional convention of the State of Virginia, assembled at the city of Richmond, Tuesday, December 3, 1867. W. H. Samuel, Phonographic Reporter. v. 1. *Richmond: Printed at the office of the New Nation*, 1868. 750 p. 8°.

—— Documents [Nos. 1–50] of the constitutional convention of the State of Virginia. *Richmond: Printed at the office of the New Nation*, 1867. 310 p. 8°.

1869.

Farrar (J. R.) Rip Van Winkle; or, The Virginian that slept ten years: a lecture...delivered more than 60 times. *Richmond: W. A. R. Nye*, 1869. 18 p. 8°.

Frederick (*Rev.* Francis). Autobiography of Rev. Francis Frederick, of Virginia. *Baltimore: J. W. Woods*, 1869. 40 p. 12°.

Marye, Fitzhugh & English. Descriptive catalogue of Virginia lands for sale by Marye, Fitzhugh & English...Fredericksburg, Va...*New York: Evening Post Steam Presses*, 1869. 53 p. 8°.

Title from cover.

Maury (Matthew Fontaine). Physical survey of Virginia. Her geographical position; its commercial advantages and national importance. Preliminary report, March, 1869. *New York: D. Van Nostrand*, 1869. 100 p., 1 map. 2. ed. 8°. (Virginia Physical Survey.)

—— Another copy. 1899. 100 p., 3 maps. 2. ed. 8°.

Spirit of the South; or, Persecution in the name of law, as administered in Virginia. Related by some victims thereof. Also its effects upon the nation and its general government. *Washington, D. C.*, 1869. 76 p. 8°.

1870–1906.

Pollard (Edward A.) The Virginia tourist. Sketches of the springs and mountains of Virginia ...*Philadelphia: J. B. Lippincott & Co.*, 1870. 277 p., 1 map, 10 pl. 12°.

Repudiation is theft...forcible adjustment highway robbery. [Signed: Clergyman] *n. p.* [187–] 16 p. 8°.

Virginia.—*Governor.* Governor's message relative to the financial condition of the commonwealth, March 8, 1870. *n. p.* [1870.] 37 p. 8°.

—— *Public Instruction, Office of Superintendent of.* Report [submitting "Outline plan of public instruction"]. *Richmond*, 1870. 11 p. 8°.

—— *Statutes.* An act to provide for a general election. [With: Substitute to Senate bill, no. 99. Reported by Com. on Privileges and Elections of House. 1870?] *n. t.-p.* 51 p. 8°. (Senate bill, no. 99.)

Virginia Old and new. 8°.

Extr. Putnam's Magazine, Feb. 1870. pp. 149–159.

Virginia illustrated...By Porte Crayon [*i. e.*, D. H. Strother]. *New York: Harper & Bros.*, 1871. 300 p. illus. 8°.

United States.—*Engineer Department.* Reports of the United States engineers, on the survey of the James River and Kanawha Canal, and on the advantages of the Central Water Line as a national work. *Richmond: G. W. Gary, prtr.*, 1871. 104 p. pap. 8°.

Title taken from cover.

Virginia.—*Statutes.* Laws in relation to commissioners and collectors of the public revenue, etc., now in force, containing suggestions to, and forms for clerks of courts. *Richmond: R. F. Walker*, 1873. 229 p. 8°. (Auditor of Public Accounts.)

Walker (G. C.) Communication from the governor upon state finances [January 13, 1873]. [*Richmond*, 1873.] 15 p. 8°. (Virginia. Governor.)

Adams (Moses), *pseudonym of* George W. Bagby. For Virginians only. What I did with my fifty millions. By Moses Adams [*i. e.*, George W. Bagby]. Edited from the posthumous MS. by Cæsar Maurice. *Philadelphia: J. B. Lippincott & Co.*, 1874. 128 p. 12°.

History, 1874–1884.

Virginia.—*Governor.* Message of J. L. Kempner...to the General Assembly, on finances and the state debt. *Richmond: R. F. Walker, supt. pub. prtg.*, 1874. 13 p. pap. 8°.

—— *Immigration Board.* Virginia: a geographical and political summary, embracing a description of the state...*Richmond: R. F. Walker*, 1876. iv, 320 p., 5 maps. 8°.

By Jedediah Hotchkiss.

Johnson (Bradley T.) Report on the public debt of Virginia to the Senate. *Richmond: J. E. Goode, prtr.*, 1878. 1 p.l., 36 p. 8°. (Virginia: Finance Committee. Senate, no. 24.)

Maury (Matthew Fontaine). Physical survey of Virginia. Her resources, climate and productions. Preliminary report. No. 2. *Richmond: N. V. Randolph*, 1878. 142 p., 1 l., 1 map. 8°. (Va. Immigration Bd.)

No. 2 has notes and additions by his son. July 1, 1877.

Virginia Fish and Game Protective Association. [Address] To the people of Virginia; with the laws of this commonwealth relating to fish and game. *Richmond*, 1878. 20 p. 8°.

Bagby (G. W.) Canal reminiscences: recollections of travel in the old days on the James river and Kanawha canal. *Richmond: West, Johnston & Co.*, 1879. 37 p. 24°.

Virginia.—*Federal Judiciary Committee.* Report of the special committee of the Senate and the Committee on Federal Relations of the House... as a joint committee...on usurpatión of power by the federal judiciary in Virginia. *Richmond: R. E. Frayser, prtr.*, 1879. 37 p. 8°. (Senate doc. 13.)

Marshall (William). Whose repudiation? [Signed William Marshall. *London*, 188–?] 16 p. 8°.

Virginia; its climate, soil, productions, manufacturing industries, and mineral wealth. [*Baltimore:*] *Norfolk & Western Railroad* [188–]. 30 p. 8°.

Repr. from "The New South."

New (The) Virginians. By the author of "Junia." *Edinburgh and London: W. Blackwood & Sons*, 1880. 2 v. 8°.

Boyd (C. R.) Resources of south-west Virginia, showing mineral deposits of iron, coal, zinc, copper and lead. Also, the staples of the various counties, methods of transportation, access, etc. Illustrated by numerous plates and large colored map...*New York: J. Wiley & Sons*, 1881. xiv, 321 p. 3. ed. 8°.

Danville and New River Railroad Company (projected). Charter, president's report, resolutions of stockholders, &c., &c. Line of road, when completed across the Blue Ridge,—110 miles,—penetrating the richest mineral regions of Virginia. Iron, copper, coal, &c., &c., in abundance. 23 p. *Danville, Va.: E. R. Waddil & Bro., printers*, 1881. 8°.

[**Hotchkiss** (J.)] Mineral deposits along the line of the Shenandoah Valley Railroad, with geological map and sections. [Letter from Professor J. Hotchkiss.] *Philadelphia: Allen, Lane & Scott*, 1881. 12 p., 1 map. 8°.

McDonald (Marshall). Statistics of the fisheries of Virginia. [*Washington*, 1881.] 8 p. 4°. (U. S. Census Office. 10. Census. Census bull. 281.)

Mahone (W.) Attitude of the readjusters of Virginia concerning the state debt, free schools, a free ballot and a fair count. Speech delivered in the Senate of the United States... March 28, 1881. *Washington*, 1881. 39 p. 8°.

Virginia.—*Agriculture, Commissioner of.* A hand-book of Virginia. By the commissioner of agriculture [Thomas Pollard]. *Richmond: Johns & Goolsby*, 1881. 4 p.l., 224 p., 1 map. 8°.

Clark (James Albert). Along shore on the Potomac. Traditional, historical, and classical sketches from colonial times. [*Washington*, 1882?] 16 p. f°.

Supplement to "American Genius."

Royall (William L.) The President's relations with Senator Mahone and repudiation. An attempt to subvert the Supreme Court of the United States. *New York: E. J. Hale & Son*, 1882. 48 p. 12°.

Tourists and excursionists guide book to summer homes in the mountains of Virginia... *Philadelphia: Nat. Bureau of Eng. & Mfg. Co.*, 1882. 80 p., 1 map. 16°.

United States.—*Courts Supreme Court.* The debt of Virginia under recent legislation. The effect upon her obligations of changing remedies for their enforcement... Andrew Antoni, plaintiff in error, vs. Samuel C. Greenhow, treasurer of the city of Richmond .. Opinion of the court... *n. t.-p.* [n. p., 1882.] 29 p. 8°.

Virginia.—*Statutes.* The Riddleberger debt law. Approved. February 14, 1882. *n. t.-p.* 10 p. 8°.

Album of views, Old Point Comfort, Va. Fort Monroe. National home for disabled volunteer soldiers... [etc.] n. p., cop. 1883. 1 l., 16 pl. ob. 32°.

School law of Virginia, constitution of the state, and the laws governing state and national institutions of learning, codified for the information and use of school officers, by the Superintendent of Public Instruction. *Richmond: Board of Education*, 1883. 163 p., 3 l. 8°. (Virginia. Public Instruction Dept.)

Virginia.—*Constitution.* Constitution [as ratified by vote of the people July 6, 1869, with... subsequent amendments...] *n. t.-p.* [*Richmond?* 1883?] 22 p. 8°.

Bagby (George W.) Selections from the miscellaneous writings of Dr. George W. Bagby. *Richmond, Va.: Whittet & Shepperson*, 1884. 2 v. port. 12°.

Kerr (W. C.) Report on the cotton production of... Virginia, with a brief discussion of the general features of the state. v, 25 p. (In: Hilgard (E. W.) Report on cotton production in the United States. *Washington*, 1884. 4°. pt. 2, p. 617–647.)

Old Fields Revisited; or, Hunting health and history in Virginia. Issued for the Promotion of Pleasure Travel through Historic and Picturesque Regions. *New York: Old Dominion Steamship Company*, 1884. cover, 32 p. 8°.

History, 1885–1901.

Frith (G. R.) Ode to Virginia. *Richmond, Va.: West, Johnston & Co.*, 1885. 1 p.l., 18 l. (printed on one side.) 12°.

[**Harrison** (R.)] Hand-book of Virginia... fourth ed. *Richmond, Va.: Johns & Goolsby*, 1885. vi (1) 182 p., 2 maps. 8°.

Parsons (G.) *vs.* M. MARYE, auditor of Virginia, et als. In the United States circuit court for the eastern district of Virginia. [Suit for payment of coupons.] *n. t.-p.* [n. p., 1885.] 13 p. 8°.

Summer resorts in the Piedmont District of Virginia, along the line of the Virginia Midland Railway. . . [*Philadelphia: Allen, Lane & Scott*,] 1885. 25 (3) p. 8°.

McCreath (Andrew S.), *and* E. V. D'INVILLIERS. The New River-Cripple Creek mineral region of Virginia. *Harrisburg, Pa.: Harrisburg Pub. Co.*, 1887. xii, 1 l., 171 p., 1 diag., 3 maps. 8°.

1 Extra map in pocket.

Pennsylvania Railroad Company. Pennsylvania tours. A June pleasure trip to Gettysburg, Luray Caverns, the Natural Bridge, Richmond, and Washington . . . [*Philadelphia: Printed by Allen, Lane & Scott*,] 1888. 38 p. 12°.

From Norfolk to Bristol. Read and circulate. *Roanoke, Va.: Norfolk & Western Railroad*, 1888. 20 p. f°. (Virginia. v. 1, no. 2.)

Virginia.—*Agriculture Board.* Virginia. A synopsis of the geology, geography, climate and soil of the state, together with its resources of mines, forests and fields, its flocks and its herds... *Richmond: J. W. Fergusson & Son, prtrs.*, 1889. 160 p., 1 l., 1 map. pap. bds. 8°.

Bruce (Philip Alexander). The plantation negro as a freeman; observations on his character, condition and prospects in Virginia. *New York: G. P. Putnam's Sons*, 1889. ix, 262 p. 12°. (Questions of the day, no. 57.)

Reference book of the Norfolk and Western Railroad Company. [*New York: the Giles Co.*, 189–.] 94 p., 1 map. 12°.

Saxby (H.) Historic C. & O. An interesting trip through the historic and picturesque regions of the Virginias via the Chesapeake & Ohio route. [*Cincinnati, O.*, 1890?] 27 l. f°.

—— —— —— 19 l. f°.

Smedes (S. D.) A southern planter. *New York: James Pott & Co.*, 1890. 342 p., 1 fac-sim. 4. ed. 12°.

Danville and East Tennessee Railroad Company. [Report on the D. & E. T. R.R.; Acts of Assembly of Virginia, 1887–'88; Acts of Assembly of North Carolina, 1890–'91; Report on the resources of Virginia. By J. D. Imboden.] *New York: The South Pub. Co., printers* [1891]. 36 p. illus., map. ob. 16°.

Window (R. R.) A few facts with 368 questions and answers [about Virginia towns and places. *New York: Old Dominion Steamship Co.*,] 1891. 60 p. 19. ed. 24°.

Chesapeake & Ohio Railway. Virginia in black and white... [*Buffalo, N. Y.: The Matthews-Northrup Co.*, 1893.] 64 p., 1 folded map. 12°.

Virginia in black and white. *Washington: Passenger Dept. Chesapeake & Ohio Ry.* [cop. 1893.] 64 p. pl. map. 16°.

Whitehead (Thomas). Virginia; a handbook giving its history, climate, and mineral wealth; its educational, agricultural and industrial advantages. *Richmond, Va.: E. Waddey Co., prtrs.*, 1893. 341 p., 9 pl., 1 map, 1 port. (Virginia. Agriculture, State Bd. of.)

Reissued in 1897.

Virginia.—*State Good Roads Convention.* Proceedings of the... Convention held in Richmond, Virginia, Oct... 18, 1894. *Washington: Gov't. Prtg. Off.*, 1895. 62 p. 8°. (U. S. Off. Road Inq. Bull. 11.)

Virginia (The) Navigation Co. Afloat on the James. *New York: The Giles Co.* [cop. 1895.] 84 p. 12°.

Pennsylvania Railroad. Tours to Old Point Comfort, Richmond, and Washington. [*Philadelphia: Allen, Lane & Scott*, 1896.] 18 p. map. 16°.

Bradley (A. G.) Sketches from old Virginia. *London: Macmillan & Co.*, 1897. ix, 1 l., 284 p. 12°.

Royall (W. S.) History of the Virginia debt controversy. The negro's vicious influence in politics. *Richmond, Va.: G. M. West*, 1897. 111 p. 12°.

Virginia.—*Statutes.* [Digest of the game laws for 1897–8.] (In: Barrows' New legislation concerning crimes, misdemeanors, etc. 1900. p. 400–403.)

Whitehead (Thomas). Virginia: a hand-book ... *Richmond: E. Waddey Co.*, 1897. 357 p., 1 col'd. map, 5 pl., 2 port. 8°. (Virginia State Bd. of Agric.)

Issued first in 1897.

Thom (William Taylor). The negroes of Litwalton, Virginia: a social study of the "oyster negro." (Bull. Dept. of Labor. no. 37 (1901). p. 1115–1170. *Washington*, 1901.)

Virginia socialists. Their second annual state convention held in Richmond ... [1901]. (Weekly People, *New York*, July 13, 1901.)

Thomas (A. F.) The Virginia constitutional convention and its possibilities. *Lynchburg, Va.: J. P. Bell*, 1901. 77 p. 12°.

Hall (Granville Davisson). The rending of Virginia, a history. [*Chicago: Mayer & Miller*,] 1902. 3 p.l., 11–622 p., 1 pl., 1 port. 8°.

Scherer (Paul). The business of farming in Virginia. A study of some of our agricultural resources. *Roanoke: Stone Pr. & Manufacturing Co.* [cop. 1902] 32 p. 8°.

Virginia.—*Constitution.* Constitution of the State of Virginia... 1902. *Richmond*, 1902. x, 87, 24 p. 8°.

—— The constitution of the State of Virginia, adopted by the Convention of 1901–2. Published by authority. *Richmond*, 1902. x, 1 l., 87 p. 8°. (In: Brenaman (J. N.) A history of Virginia conventions ... *Richmond*, 1902. 8°.)

—— Journal of the Constitutional Convention of Virginia. Held in the city of Richmond, beginning June 12th, 1901. *Richmond: J. H. O'Bannon*, 1901. v. p. 8°.

History, 1901–1905.

McKinley (Albert E). Two new southern constitutions [Alabama, 1901, and Virginia, 1902]. (Polit. Sci. Quar. v. 18, p. 480–511. *Boston*, 1903.)

Travel, entertainment and enterprise. *Norfolk, Va.: Norfolk, Portsmouth and Newport News Co.* [1903] 32 ll., 1 map. ob. 16°.

Norfolk & Western Railway. Virginia summer resorts. [*Buffalo? printed*, 1903.] 46 p. nar. 8°.

—— Summer resorts. [*Buffalo? printed*, 1903.] 46 p. nar. 8°.

Printed in blue ink.

Great Britain.—*Foreign Office.* Maryland, Virginia, West Virginia and Kentucky. Report for the year 1903 on the trade, commerce and navigation of... *London*, 1904. 8°. (Dipl. and cons. repts. Ann. ser. 3133.) Cd. 1766–67.

Braxton (A. Caperton). The Virginia State Corporation Commission. (American Law Rev. v. 38, p. 481–499. *St. Louis*, 1904.)

Virginia.—*Agriculture and Immigration Dept.* Virginia—Information for the homeseeker and investor. *Richmond: E. Waddey Co.*, 1905. 64 p., map. 8°.

Virginia.—*Corporation Commission.* Constitutional provisions. Statutes and public regulations governing railroads and other common carriers in... Virginia. January 1, 1905... *Richmond: J. H. O'Bannon*, 1905. 89 p. pap. 8°.

—— —— Statements showing the condition of the incorporated banks. 1903/4. *Richmond*, 1905. 8°.

1903/4 contains statistics of Va. regulating state banks.

Goode (John). Recollections of a lifetime. *New York: Neale Pub. Co.*, 1906. x,1 l., 13–266 p., 1 port. 8°.

PRINCIPAL ACCESSIONS IN FEBRUARY.

Biography and Genealogy.

Brandes (Georg). Reminiscences of my childhood and youth. *New York: Duffield & Co.*, 1906. 5 p.l., 397 p. 8°.

Cavour. By the Countess Martinengo-Cesaresco. *London: Macmillan & Co.*, 1904. viii, 222 p. 12°. (Foreign statesmen.)

Diaz (Porfirio). Porfirio Diaz. Der Schöpfer des heutigen Mexiko. Von Ethel B. Harley Tweedie. Deutsche autorisierte Übertragung von B. Saworra. *Berlin: B. Behr*, 1906. ix, 309 p. 7 pl., 9 port. 8°.

Durham (1. *Earl*), John George Lambton. Life and letters of the first Earl of Durham, 1792–1840. *London: Longmans, Green & Co.*, 1906. 2 v. pl., port. 8°.

Goding family. Genealogy of the Goding family. By Frederic Webster Goding. With a biographical sketch of the author by Mrs. A. M. Taylor and...Stewart Keightley. *Richmond, Ind.: The Author*, 1906. 173 (1) p., 2 l., 17 pl., 5 ports. 8°.

Herbert (George). George Herbert and his times. By A. G. Hyde. With thirty-two illustrations. *London: Methuen & Co.* [1906.] xiv, 327 (1) p., 6 facsim., 20 pl., 6 port. 8°.

Jones family. Thomas Jones, Fort Neck, Queens County, Long Island, 1695, and his descendants. The Floyd-Jones family. By Thomas Floyd-Jones. With connections from the year 1066. *New York:* [*The J. Grant Senia Press*,] 1906. 183 p., 1 l., 11 pl., 7 port. 8°.

Leland (Charles Godfrey). Charles Godfrey Leland. A Biography. By Elizabeth Robins Pennell. With illustrations. *Boston: Houghton, Mifflin & Co.*, 1906. 2 v. 8°.

Lippi (Fra Filippo). Fra Filippo Lippi. By Edward C. Strutt. *London: G. Bell & Sons*, 1901. xxiii, 202 p., 1 l., 55 pl., 1 port. 8°.

Parke family. Genealogy of the Parke families of Connecticut, including Robert Parke, of New London, Edward Parke, of Guilford, and others. Also a list of Parke, Park..., who fought in the Revolutionary War. Compiled by Frank Sylvester Parks. *Washington, D. C.:* [*Columbia Polyt. Inst. Ptg. Off.*,] 1906. 333 p., 2 pl., 11 port. 8°.

Washington (George). Did Washington aspire to be King? With an address on Washington by Hon. Samuel W. Pennypacker. By Arthur T. Abernethy. *New York: The Neale Pub. Co.*, 1906. 65 p., 2 port. 12°.

William I., *German Emperor:* Kaiser Wilhelm der Grosse und sein Kriegsminister Roon als Bildner des preussisch-deutschen Heeres...Von W. von Blume. *Berlin: B. Behr*, 1906. 4 p.l., 295 p., 2 facsim., 2 port. 8°.

General History.

Acton (1. *Baron*), John Emerich Edward Dalberg-Acton. Lectures on modern history... Edited with an introduction by John Neville Figgis ...and Reginald Vere Laurence. *London: Macmillan & Co.*, 1906. xix, 362 p. 8°.

Armitage (Albert Borlase). Two years in the Antarctic. Being a narrative of the British National Antarctic expedition. With illustrations and map. *London: E. Arnold*, 1905. xix, 315 p., 1 map, 16 pl. 8°.

Berthelot (Pierre Eugène Marcelline). Archéologie et histoire des sciences. Avec publication nouvelle du papyrus grec chimique de Leyde et impression originale du Liber de Septuaginta de Geber. *Paris: Gauthier-Villars*, 1906. 2 p.l., 377 (1) p. 4°.

Fiala (Anthony). Fighting the polar ice. With an introduction by W. S. Champ, and reports by William J. Peters, Russell W. Porter and Oliver S. Fassig. *New York: Doubleday, Page & Co.*, 1906, xxii, 296 p., 3 l., 2 maps, 60 pl., 3 port. 4°.

Schwerin (Hans Hugold von). De Store Opdagelsesrejser. [*Köbenhavn:*] "*Frem*," 1905. 381 p., 1 l. illus. 8°.

Seignobos (Charles). History of ancient civilization. Translated and edited by Arthur Herbert Wilde. With an introduction by James Alton James. *New York: C. Scribner's Sons*, 1906. xv, 373 p. 8°.

Stead (Richard). Adventures on the great rivers. Romantic incidents and perils of travel, sport, and exploration throughout the world. With sixteen illustrations. *London: Seeley & Co., Ltd.*, 1907. xvi, 17–339 (1) p., 16 pl. 12°.

America.

Bacon (Dolores). Old New England churches and their children. *New York: Doubleday, Page & Co.*, 1906. xxxiv, 442 p., 31 pl., 1 port. sq. 8°.

Bedard (T. P.) Histoire de cinquante ans. (1791–1841.) Annales parlementaires et politiques du Bas-Canada depuis la constitution jusqu'à l'union. *Québec: L. Brousseau*, 1869. xvi, 419, x p. 8°.

Diaz (Bernal). Historia verdadera de la conquista de la Nueva España. Unica edición hecha según el códice autógrafo. La publica Genaro García. *Mexico: Of. Tip. de la Secretario de Fomento*, 1904. 2 v. facsim., port. 4°.

Fleming (Walter L.) Documentary history of reconstruction, political, military, social, educational and industrial. 1865 to the present time. With facsimiles. vol. 1. *Cleveland, O.: The A. H. Clark Co.*, 1906. 8°.

Harrison (Peleg D.) The stars and stripes and other American flags, including their origin and history. *Boston: Little, Brown & Co.*, 1906. xii, 2 l., 419 p., 8 pl. 8°.

Hulbert (Archer Butler). The Ohio River. A course of empire. *New York: G. P. Putnam's Sons*, 1906. xiv, 1 l., 378 p., 5 maps, 1 plan, 80 pl., 6 port. 8°.

Johnston (David E.) A history of middle New River settlements and contiguous territory. *Huntington. W. Va.: Standard Ptg. & Pub. Co.*, 1906. 500, xxxi p., 6 pl., 11 port. 8°.

Lucas (Charles Prestwood). The Canadian War of 1812. *Oxford: The Clarendon Press*, 1906. 4 p.l., 269 (1) p., 8 maps. 8°.

Smith (Theodore Clarke). Parties and slavery, 1850–1859. *New York: Harper & Bros.*, 1906. xvi, 341 p., 7 maps, 1 port. 8°. (The American nation: a history. v. 18.)

Snider (Denton Jaques). The American ten years' war, 1855–1865. *St. Louis: Sigma Publ. Co.*, 1906. 527 p. 12°.

Wise (John Sergeant). Recollections of thirteen presidents, *New York: Doubleday, Page & Co.*, 1906. 7 p.l., 3–284 p. 8°.

Europe.

Batcheller (Tryphosa Bates). Glimpses of Italian Court Life. Happy days in Italia adorata. *New York: Doubleday, Page & Co.*, 1906. 1 p.l., xix, 469, 1–3 p., 38 pl., 23 port. 8°.

Beard (Charles A[ustin]). An introduction to the English historians. *New York: The Macmillan Co.*, 1906. xi, 669 p. 8°.

Begley (*Rev.* John). The diocese of Limerick ancient and medieval. With a preface by Most Rev. E. T. O'Dwyer, bishop of Limerick. *Dublin: Browne & Nolan*, 1906. xxiv, 468 p., 1 l., 1 fac., 2 maps, 5 plans, 12 pl. 8°.

Bible (The) in Wales. A study in the history of the Welsh people, with an introductory address and a bibliography. [Edited by John Ballingar.] *London: H. Sotheran & Co.*, 1906. 71, 104 p., 7 facsim., 2 pl. 8°.

Cowan (Samuel). The ancient Capital of Scotland. The Story of Perth from the invasion of Agricola to the passing of the Reform Bill. *London: Simpkin, Marshall, Hamilton, Kent & Co.*, 1904. 2 v. pls., ports. 8°.

Coyecque (Ernest). Histoire générale de Paris. Recueil d'actes notariés relatifs à l'histoire de Paris et de ses environs au XVIe siècle. v. 1. *Paris: Imp. Nationale*, 1905. 4°.

Denis (Ernest). La fondation de l'Empire allemand, 1852–1871. *Paris: A. Colin*, 1906. 2 p.l., viii, 528 p. 8°.

Evans (J. T.) The church plate of Gloucestershire. With extracts from the chantry certificates relating to the county of Gloucester by the commissioners of 2 Edward VI (1548), and from the returns of church goods in 6 & 7 Edward VI (1552–1553). *Bristol & Gloucestershire Archæolog. Society*, 1906. xxiv, 264 p., 21 pl. 8°.

Frederick William IV., *king of Prussia.* König Friedrich Wilhelms IV. Briefwechsel mit Ludolf Camphausen. Hrsg. von Erich Brandenburg. *Berlin: Gebrüder Paetel*, 1906. 254 p. 8°.

Gwynn (Stephen). The fair hills of Ireland. With illustrations by Hugh Thomson. *Dublin: Maunsel & Co.*, 1906. x, 1 l., 419 p., 4 pl. 12°.

Hare (Christopher). A queen of queens & the making of Spain. *New York: C. Scribner's Sons*, 1906. xii, 1 l., 372 p., 1 map, 4 pl., 13 port. 8°.

Hirmenech (H.) Les Celtes et les monuments celtiques. Leur origine certaine. L'Atlantide et les atlantes. Les Basques. Simples recherches pour servir à leur histoire. *Paris: E. Leroux*, 1906. 2 p.l., 101 (1) p., 1 l. 4°.

Africa.

Davis (Theodore M.) Theodore M. Davis' excavations: Bibân el Molûk. The tomb of Hâtshopsîtû. Introduction by Theodore M. Davis. The life and monuments of the Queen by Edouard Naville. Description of the finding and excavation of the tomb, by Howard Carter. *London: A. Constable & Co., Ltd.*, 1906. xv, 112 p., 12 pl. illus. f°.

Delevoye ( ). En Afrique Centrale. (Niger-Bénoué Tchad.) Lettre-préface de M. Lucien Hubert. *Paris: H. Le Soudier*, 1906. 2 p.l., viii, 275 p., 1 map. illus. 12°.

Maugham (R. C. F.) Portuguese East Africa. The history & great game of Manica and Sofala. With map and illustrations. *London: J. Murray*, 1906. xii, 340 p., 1 map, 32 pl. 8°.

Moore (Mabel). Carthage of the Phœnicians, in the light of modern excavation. *London: W. Heinemann*, 1905. vi, 2 l., 7–184 p., 25 pl. 12°,

Pappenheim (zu), *Hauptgraf.* Madagascar. Studien. Schilderungen und Erlebnisse. *Berlin: D. Reimer*, 1906. xi (1), 355 (1) p., 6 maps, 1 pl. illus. 8°.

Thurston (A. B.) African incidents. Personal experiences in Egypt and Unyoro. With an introduction by Gen. Sir Archibald Hunter... A memoir of the author by... E. H. Thruston and an account of Major Thruston's last stay in 1897 in the protectorate. *London: J. Murray*, 1900. 331 (1) p., 2 maps, 16 pl., 1 port. 8°.

Asia, Australia, Pacific Islands.

Encyclopædie van Nederlandsch-Indië met mederwerking van verschillende ambtenaren, geleerden en officieren; samengesteld door P. A. van der Lith, A. J. Spaan, en F. Fokkens. *'s Gravenhage: M. Nijhoff* [1889–1905]. 4 v. 4°.

Hurgronje (Christian Snouck). The Achehnese. Translated by...A. W. S. O'Sullivan... with an index by R. J. Wilkinson. *Leyden: E. J. Brill*, 1906. 2 v. illus. 4°.

Kaempfer (Engelbert). The history of Japan. Together with a description of the Kingdom of Siam, 1690–92..., translated by J. G. Scheuchzer. *Glasgow: J. MacLehose & Sons*, 1906. 3 v. facsim., maps, pl., ports. illus. 8°.

Jews.

Adler (S.) Das Schulunterhaltungsgesetz und die preussischen Bürger jüdischen Glaubens... Dritte, Durch einen Anhang: "Der neue Schul-

gesetzentwurf und die jüdische Schule" vermehrte Auflage. *Frankfurt a. M.: J. Kauffman*, 1906. 44 p. 8°.

Schiff Collection.

Bennewitz (Fritz). Die Sünde im alten Israel. *Leipzig: G. Böhme*, 1907. xii, 271 (1) p. 8°.

Bondy (Gottlieb). Zur Geschichte der Juden in Böhmen, Mähren und Schlesien, von 906 bis 1620. Hrsg. von Gottlieb Bondy, zur Herausgabe vorbereitet und ergänzt von Franz Dworsky. *Prag: G. Bondy*, 1906. 2 v. 4°.

Schiff Collection.

Buki ben Jogli, *pseud. of* JUDAH LOEB KATZELELSON. Das Lied der Nachtigall. Aus dem Hebräischen übersetzt von Josef Meisl. *Wien: Unsere Hoffnung*, 1906. 1 p.l., 55 p. 8°.

Schiff Collection.

Gronemann (S.) Predigten für alle Feste des Jahres. *Frankfurt a. M.: J. Kaufmann*, 1906. 5 p.l., 3–216 p. 8°.

Grunwald (Max). Zur Psychologie und Geschichte des Blutritualwahnes (Der Prozess Simon von Trient und Leopold Hilsner.) Vortrag. *Wien: L. Beck & Sohn*, 1906. 23 (1) p. 8°.

Schiff Collection.

Guérin (Jules). Les trafiquants de l'Antisémitisme. La maison Drumond & Co. *Paris: Société d'Édition et de Publications* [pref. 1905]. ix, 504 p., 1 l. 12°.

Schiff Collection.

Hart (Lewis Alexander). A Jewish reply to Christian evangelists. *New York: Bloch Pub. Co.*, 1906. x, 239 p. 12°.

Schiff Collection.

Houghton (Louise Seymour). Hebrew life and thought. Being interpretative studies in the literature of Israel. *Chicago: The University of Chicago Press*, 1906. xi, 386 p. 12°.

Schiff Collection.

Klein (Oscar). Humoresken aus dem jüdischen Leben. *Berlin: C. Duncker* [1906?]. 2 p.l., 264 p. 3. ed. 16°.

Schiff Collection.

ART.

Gainsborough ([Thomas]). Drawings of Gainsborough. [By Lord Ronald Sutherland Gower.] *London: G. Newnes, Ltd.* [1906.] 14 p., 1 l., 44 pl. 4°. (Drawings of the great masters.)

Lami (Stanislas). Dictionnaire des sculpteurs de l'école française sous le règne de Louis XIV. *Paris: H. Champion*, 1906. vi, 504 p. 4°.

Lechat (Henri). Phidias et la sculpture grecque au ve siècle. *Paris: Librairie de l'Art Ancien et Moderne* [1906]. 174 p., 1 l. 8°. (Les Maîtres de l'art.)

Lippmann (Friedrich). Engraving and etching; a handbook for the use of students and print collectors. Third ed. rev. by Max Lehrs. Transl. by Martin Hardie. With...illustrations. *London: H. Grevel & Co.*, 1906. xvii, 312 p. 8°. (Handbook of the Royal Museums, Berlin.)

Ostini (Fritz von). Muenchener Kunst in fünfzig farbigen Reproduktionen, hrsg. von Fritz von Ostini. *Leipzig: E. A. Seemann*, 1906. 10 p., 1 l., 50 f, 50 pl. f°.

MUSIC.

English music [1604 to 1904]. Being the lectures given at the Music Loan Exhibition of the Worshipful Company of Musicians held at Fishmongers' Hall, London Bridge, June-July, 1904. *London: The Walter Scott Pub. Co., Ltd.*, 1906. xx, 539 (1) p., 1 pl. illus. 12°. (The Music story series.)

Prætorius (Hieronymus). Ausgewählte Werke. Hrsg. von Hugo Leichtentritt. *Leipzig: Breitkopf & Härtel*, 1905. xiii (1), 174 p. f°. (Denkmaeler deutschen Tonkunst. F. 1, Bd. 23.)

Streatfeild (R[ichard] A.) Modern music and musicians. With twenty-four illustrations. *London: Methuen & Co.* [1906.] xi, 355 (1) p., 1 facsim., 3 pl., 20 port. 8°.

AMERICAN AND ENGLISH LITERATURE.

Austin (Alfred). The door of humility. [Poems.] *London: Macmillan & Co.*, 1906. 3 p.l., 3–174 p. 12°.

Gilder (Richard Watson). A book of music. [Poems.] *New York: The Century Co.*, 1906. vi, 70 p. 12°.

Grant (Percy Stickney). Ad matrem and other poems. *New York: I. Kimball*, 1905. 61 p. 8°.

Haney (John Louis). The name of William Shakespeare. A study in orthography. *Philadelphia: The Egerton Press*, 1906. x, 1 l., 68 p. 12°.

Harrison (Frederic). Memories and thoughts. Men, books, cities, art. *New York: The Macmillan Co.*, 1906. ix, 409 p. 12°.

Hay (John). Addresses of John Hay. *New York: The Century Co.*, 1906. vi, 353 p., 1 port. 8°.

FOREIGN LITERATURE.

Engel (Eduard). Geschichte der deutschen Literatur, von den Anfängen bis in die Gegenwart. *Leipzig: G. Freytag*, 1906. 2 v. pls., ports. 4°.

Etzel (Theodor). Der Rohrspatz. Ein neues Fabelbuch. Mit Zeichnungen von C. O. Petersen. *München: A. Langen*, 1907. 115 (1) p. illus. 12°.

Fraunce (Abraham). Victoria, a Latin comedy. Edited from the Penshurst manuscript by G. C. Moore Smith. *Louvain: A. Uystpruyst*, 1906. xl, 130 p., 1 facsim. 8°. (Materialien zur Kunde des älteren englischen Dramas. Bd. 14.)

Grierson (Herbert John Clifford). The first half of the seventeenth century. *Edinburgh: W. Blackwood & Sons*, 1906. xiv, 388 p. 12°. (Periods of European literature, 7.)

Hearn (Lafcadio). Some Chinese ghosts. *Boston: Little, Brown & Co.*, 1906. viii, 2 l., 13–203 p. 12°.

Holz (Arno). Buch der Zeit. Lieder eines Modernen. *München: R. Piper & Co.*, 1905. 244 p. New ed. 12°.

Houghton (Louise Seymour). The Russian grandmother's wonder tales. Illustrated by W. T. Benda. *New York: C. Scribner's Sons*, 1906. xvii, 1 l., 348 p., 8 pl. 12°.

Kennard (Joseph Spencer). Italian romance writers. *New York: Brentano's*, 1906. 472 p., 1 l. 8°.

Lang (Andrew). Homer and his age. *New York: Longmans, Green & Co.*, 1906. xii, 1 l., 336 p., 8 pl. 8°.

Lorquise (Charles). Les invectives. [Poems.] *Paris: Plon-Nourrit & Cie.* [1906.] 4 p.l., 236 p. 12°.

Marzials (*Sir* Frank Thomas). Molière. *London: G. Bell & Sons*, 1906. 128 p., 1 port. 16°. (Bell's miniature series of great writers.)

Ortneit und Wolfdietrich nach der Wiener Piaristenhandschrift, hrsg. von Dr. Justus Lunzer Edlen von Lindhausen. *Tübingen: H. Laupp*, Jr., 1906. xxi, 312 p. 8°. (Litterarischer Verein in Stuttgart. Bibliothek. v. 239.)

Presber (Rudolf). Spuren im Sande. Neue Gedichte. *Stuttgart: J. G. Cotta'sche Buchhandlung Nachfolger*, 1906. viii, 222 p. 16°.

Riedl (Frederick). A history of Hungarian literature. *London: W. Heinemann*, 1906. vii, 1 l., 293 p. 8°. (Short histories of the literatures of the world.)

Schmidt (Erich), *and others*. Die orientalischen Literaturen. Mit Einleitung: die Anfänge der Literatur und die Literatur der primitiven Völker. *Berlin*, 1906. ix, 419 p. 4°. (Die Kultur der Gegenwart. Th. 1, Abt. 7.)

Second (Le) livre des bêtes. Traduit du Russe par Léon Golschmann, Marko Vovtchok, E. Granstrom, A. Slivitsky [and others]. Illustrations de Tzeytline. *Paris: Société d'Éditions Littéraires et Artistiques*, 1906. 4 p.l., 3–340 p., 2 l. 2. ed. 4°.

Spitteler (Karl). Olympischer Frühling. Epos. *Leipzig und Jena: E. Diederichs*, 1900–05. 4 v. 12°.

Stern (Maurice Reinhold von). Abendlicht. Neue Gedichte. *Linz: Oesterreichische Verlagsanstalt* [1901]. 98 p., 1 l. 12°.

—— Blumen und Blitze. Neue Dichtungen. *Linz*, 1902. 119 p., 2 l. 12°.

—— Diomed. Ein Schauspiel in drei Akten. *Leipzig*, 1899. 31 p. 16°.

—— Indiskretionen. [Aphorisms.] *Linz a. Donau: E. Mareis*, 1904. 1 p.l., 142 p. 16°.

—— Lieder aus dem Zaubertal. Neue Strophen, *Leipzig*, 1905. 128 p. 8°.

—— Das Richtschwert von Tabor und andere Novellen. *Linz* [1901]. 146 p. 12°.

—— Der Seiltänzer und andere Erzählungen. *Leipzig*, 1905. 144 p. 12°.

—— Sonnen-Wolken. Neue Strophen. [*Leipzig: Verlag des literarischen Bülletin*, 1904.] 104 p., 1 l. 8°.

—— Waldskizzen aus Oberösterreich. *Linz* [1900]. 118 p. 12°.

Thureau-Dangin (François). Les Cylindres de Goudéa. Transcription, traduction, commentaire, grammaire et lexique. Pt. 1. *Paris: E. Leroux*, 1905. 8°.

Tolstoi (Lev Nikolaievich). Fader og Sön og andre Fortællinger. Oversat fra Russisk af W. Gerstenberg. Med Illustrationer af R. Christiansen. [*Köbenhavn:*] "*Frem*" [1906?]. 184 p. 8°.

Weltliche Lieder eines Geistlichen. *Berlin: Harmonie Verlagsgesellschaft* [1906.] 173 p., 1 l. 16°.

Widmann (Joseph Viktor). Der Heilige und die Tiere. *Frauenfeld: Huber & Co.*, 1906. 2 p.l., 187 p. 16°.

Wyndham (George). Ronsard & La Pléiade. With selections from their poetry and some translations in the original metres. *London: Macmillan & Co.*, 1906. 3 p.l., 266 p. 8°.

Mathematical and Physical Sciences.

Beni (Oskar). Frühere und spätere Hypothesen über die regelmässige Anordnung der Erdgebirge nach bestimmten Himmelsrichtungen. *München: T. Ackerman*, 1905. 4 p.l., 50 p., 1 l. 8°. (Münchener geographische Studien, v. 17.)

Bezold (Wilhelm von). Gesammelte Abhandlungen aus den Gebieten der Meteorologie und des Erdmagnetismus...In Gemeinschaft mit A. Coym herausgegeben vom Verfasser. Mit 66 Abbildungen im Text und 3 Tafeln. *Braunschweig: F. Vieweg u. Sohn*, 1906. viii, 448 p. 4°.

Booraem (John Van Vorst). Internal energy. A method proposed for the calculation of energy stored within matter. *New York: McGraw Pub. Co.*, 1906. 1 p.l., 144 p., 1 tab. 8°.

Dokulil (Theodor). Das Universaltachymeter. Patent Laska-Rost, zur Bestimmung von Horizontaldistanz und Höhenunterschied ohne jede Rechnung. *Wien: L. W. Seidel & Sohn*, 1906. 88 p. 8°.

Eisler (Rudolf). Geschichte der Wissenschaften. *Leipzig: J. J. Weber*, 1906. 5 p.l., 3–440 p. 16°. (Webers illustrirte Handbücher. Bd. 256.)

Fischer (Otto). Theoretische Grundlagen für eine Mechanik der lebenden Körper. Mit speziellen Anwendungen auf den Menschen sowie auf einige Bewegungsvorgänge an Maschinen. *Leipzig: B. G. Teubner*, 1906. x, 372 p. 8°. (B. G. Teubners Sammlung von Lehrbüchern auf dem Gebiete der mathematischen Wissenschaften. Bd. 22.)

Heun (Karl). Lehrbuch der Mechanik. Teil 1. *Leipzig: G. J. Göschen*, 1906. 12°. (Sammlung Schubert. Bd. 37.)

Hilgard (Eugene Waldemar). Soils, their formation, properties, composition, and relations to climate and plant growth in the humid and arid regions. *New York: Macmillan Co.*, 1906. 2 p.l., iii–xxvii, 1 l., 593 p. illus. 8°.

Jackson (Lambert Lincoln). *The educational significance of sixteenth century arithmetic from the point of view of the present time... Columbia University. *New York: the Author*, 1906. 232 p., 1 l. 8°.

Jones (Harry C.) The electrical nature of matter and radioactivity. *New York: D. Van Nostrand Co.*, 1906. ix, 212 p. 8°.

Marie (Charles). Manuel de manipulations d'électrochimie. Préface de H. Moissan... Données numériques réunies par M. G. Noel. *Paris: H. Dunod & E. Pinat*, 1906. xi, 166 p. illus. 8°.

Morse (Edward Sylvester). Mars and its mystery. *Boston: Little, Brown & Co.*, 1906. viii, 3 l., 192 p., 1 l., 10 pl., 4 port. 8°.

Mueller (Aloys). Elementare Theorie der Entstehung der Gezeiten. *Leipzig: J. A. Barth*, 1906. 2 p.l., 86 p., 1 l. ill. 8°.

Ostwald (Wilhelm). Leitlinien der Chemie. Sieben gemeinverständliche Vortrage aus der Geschichte der Chemie. *Leipzig: Akademische Verlagsgesellschaft m. b. H.*, 1906. v, 308 p. 12°.

Rosenberger (Ferdinand). Die Geschichte der Physik in Grundzügen mit synchronistischen Tabellen der Mathematik, der Chemie und beschreibenden Naturwissenschaften sowie der algemeinen Geschichte. *Braunschweig: F. Vieweg und Sohn*, 1882–1890. 3 v. in 2. 8°.

Vinci (Leonardo da). Leonardo da Vinci's notebooks. Arranged and rendered into English with introductions by Edward McCurdy. *London: Duckworth & Co.*, 1906. xiv, 289 (1) p., 13 pl., 1 port. 8°.

Wilczynski (E. J.) Projective differential geometry of curves and ruled surfaces. *Leipzig: B. G. Teubner*, 1906. viii, 298 p. 8°. (B. G. Teubners Sammlung von Lehrbüchern auf dem Gebiete der mathematischen Wissenschaften... Bd. 18.)

Wood (Robert Williams). Physical optics. *New York: The Macmillan Co.*, 1905. xiii, 546 p., 7 pl. illus. 8°.

Biological Sciences.

Arauner (Paul). Der Wein und seine Chemie. Praktisches Handbuch der Entstehung, Untersuchung und Begutachtung des Weines auf Grundlage der einschlägigen gesetzlichen Bestimmungen unter besonderer Berücksichtigung des Weingesetzes vom 24. Mai 1901. *Kitzingen a. M.: A. Wirth*, 1906. ix, 186 p. illus. 8°. (Handbuch der Nahrungsmittelchemie.)

Hancock (H.), *and* Katsukuma Higashi. Das Kano Jiu-Jitsu (Jiudo) Das offizielle Jiu-Jitsu der japanischen Regierung. Mit Ergänzungen von Hoshino und Tsutsumi, sowie Erläuterungen über gefährliche Schläge und das Kuatsu, das japanische Verfahren zur Wiederbelebung Bewusstloser. Mit einer Einführung von E. Baelz. *Stuttgart: J. Hoffmann* [1906]. xxiii, 526 p. illus. 8°.

Kronfeld (Arthur). Sexualität und ästhetisches Empfinden in ihrem genetischen Zuzammenhange. Eine Studie. *Strassburg, i. E.: J. Singer*, 1906. 3 p.l., (1) viii–ix (1), 1 l., 132 p. 12°.

Sargent (Dudley Allen). Physical education. *Boston: Ginn & Co.* [1906] v, 311 p. 12°.

Philology.

Bahlsen (Leopold). The teaching of modern languages. Translated from the German by M. Blakemore Evans. *Boston: Ginn & Co.* [cop. 1903–5] iii, 97 p., 1 port. 8°.

Brummer (Vincent). Die sumerischen Verbal-Afformative nach den ältesten Keilinschriften bis herab auf Gudea (ca. 3300 v. Chr.) einschliesslich. *Leipzig: O. Harrassowitz*, 1905, v, 1 l., 82 p. 8°.
Schiff Collection.

John XXI., *pope*. Petri Hispani De lingua arabica libri duo, Pauli de Lagarde studio et sumptibus repetiti. *Gottingæ: Prostant in ædibus Dieterichianis Arnoldi Hoyer*, 1883. viii, 440 p. 8°.
Schiff Collection.

Lambert (Mayer), *and* Louis Brandin. Glossaire hébreu-français du XIIIe siècle. Recueil de mots hébreux bibliques avec traduction française. *Paris: E. Leroux*, 1905. 2 p.l., xv, 294 p., 1 l. 4°.

Sociology.

Bax (Ernest Belfort). Essays in socialism: new and old. *London: E. G. Richards*, 1906. x, 336 p. 12°.

Boué (Pierre). Vagabondage et mendicité. Moyens de défense. *Pithiviers: A. Gibior* [1906]. 106 p., 1 l. 12°.

Christoph (Franz). Die ländlichen Gemeingüter (Allmenden) in Preussen. *Jena: G. Fischer*, 1906. vi, 118 p. 8°. (Staatswissenschaftliches Seminar zu Jena. Abhl. Bd. 3, Th. 2.)

Dawson (William Harbutt). The German workman. A study in national efficiency. *New York: C. Scribner's Sons*, 1906. xii, 304 p. 12°.

Dawson (Miles Menander). Practical lessons in actuarial science: an elementary text-book. *New York: The Spectator Co.*, 1905. 2 v. 2. ed. 8°.

Hall (Henry). How money is made in security investments; or, A fortune at fifty-five. *New York: [The De Vinne Press,]* 1906. 2 p.l., vii–ix, 245 p. 8°.

Meyer (Hugo Richard). Municipal ownership in Great Britain. *New York: The Macmillan Co.*, 1906. xii, 340 p. 8°.

Moulard (J.), *abbé*. Le socialisme. Histoire, doctrine, réfutation, avenir. *Lyon: Librairie Catholique E. Vitte*, 1906. 100 p., 2 l. 8°.

Nicholson (Joseph Shield). The relations of rents, wages and profits in agriculture, and their bearing on rural depopulation. *London: S. Sonnenschein & Co., Lim.*, 1906. viii, 176 p. 12°.

Sée (Henri). Les classes rurales en Bretagne du xvie siècle à la révolution. *Paris: V. Giard & E. Brière*, 1906. xxi, 544 p. 4°.

Sombart (Werner). Warum gibt es in den Vereinigten Staaten keinen Sozialismus? *Tübingen: J. C. B. Mohr (Paul Siebeck)*, 1906. 142 p. 8°.

Economics.

Ashley (Percy). Local and central government. A comparative study of England, France, Prussia, and the United States. *London: John Murray*, 1906. 3 p.l., ix–xi, 396 p. 8°.

Baumgarten (Ferdinand), *and* Arthur Meszlény. Kartelle und trusts. Ihre Stellung im Wirtschafts- und Rechtssystem der wichtigsten Kulturstaaten. Eine nationalökonomischjuristische Studie. *Berlin: O. Liebmann*, 1905. vi, 362 p. 8°.

Meltzing (Otto). Das Bankhaus der Medici und seine Vorläufer. *Jena: G. Fischer*, 1906. vi, 2 l., 142 p. 8°. (Volkswirtschaftliche u. wirtschaftsgeschichtliche Abhl. n. F., Heft. 6.)

Mollat (Georg). Volkswirtschaftliches Lesebuch... Herausgegeben von Dr. jur. Georg Mollat. *Osterwierck (Harz): A. W. Zickeldt*, 1906. x 560 p. 2. ed. 8°.

Naumann (Friedrich). Neudeutsche Wirtschaftspolitik. *Berlin-Schöneberg: Buchverl. d. "Hilfe,"* 1906. viii, 431 p. 8°.

Peters (Max). Schiffahrtsabgaben. Th. 1. *Leipzig: Duncker & Humblot*, 1906. 8°. (Schriften des Vereins für Social politik. 115 1.)
Th. 1. Die Rechtslage.

Taylor (Fred Manville). Some chapters on money. Printed for the use of students in the University of Michigan. *Ann Arbor: G. Wahr*, 1906. 316 p. 8°.

Industries and Industrial Arts.

Andés (Louis Edgar). Schreib-, Kopier- und andere Tinten. Practisches Handbuch der Tintenfabrikation. *Wien: A. Hartleben*, 1906. viii, 231 p. illus. 12°. (A. Hartleben's chemisch-technische Bibliothek. [Bd.] 295.)

Battle (Albert E.) Elementary questions and answers, given at the board of trade examination for engineers. Including the new questions on turbines, refrigeration, electricity, oil and gas engines, &c. *London: Simpkin, Marshall & Co., Ltd.*, 1906. 244 p. 2. ed. 12°. (Academy Series.)

Barron (Leonard). Lawns and how to make them, together with the proper keeping of putting greens. *New York: Doubleday, Page & Co.*, 1906. 5 p.l., 174 p., 31 pl.. 12°. (The Garden library. v. 3.)

Berthold (Max). Die Verwaltungspraxis bei Elektrizitätswerken und elektrischen Strassen- und Kleinbahnen. *Berlin: J. Springer*, 1906. vii, 184 p., 10 tab. 4°.

Bol (Leonard G.) Geillustreerd nederlandsch conservenboek. *'s-Gravenhage: T. C. B. ten Hagen* [1906]. xi (1), 204 p. illus. 8°.

Branch (Joseph). Stationary Engineering... A reference and text book written... for stationary engineers and firemen, also... universities and schools. *St. Louis: Perrin & Smith Print Co.* [1906.] 940 p., 26 l. illus. 12mo.

Butterworth (Annie). Manual of household work and management. *London: Longmans, Green & Co.*, 1906. xv, 200 p. 2. ed. 12°.

Christie (*Mrs.* Archibald H.) Embroidery and tapestry weaving. A practical text-book of design and workmanship. *London: J. Hogg*, 1906. 3 p.l., xi–xxiii, 1 l., 27–414 p. illus. 12°. (The artistic crafts series of technical handbooks. no. 5.)

Comment discerner les styles enseigné par l'image. Le luminaire, transformations progressives du Ier au XIXe siècle: sept cents reproductions documentaires. *Paris: E. Rouveyre* [1906?]. 3 l., 80 pl. 4°.

Constantine (E. G.) Marine engineers and how to become one. With notes on the Board of Trade examinations. *Manchester: The Technical Pub. Co.*, 1906. viii, 332 p. 2. ed. 12°.

Crotch (Arthur). Telegraph secondary cell installations. A practical work on the charging and management of accumulators. One hundred illustrations. *London: G. Pitman*, 1906. viii, 9–178 p. 12°.

Deinhardt (Kurt), *and* A. Schlomann. The Deinhardt-Schlomann series of technical dictionaries in six languages ... with ... illustrations. *London: A. Constable & Co.*, 1906. v. 1. nar. 12°.

Donat (Franz). Die färbige Gewebemusterung. Ein Lehrgang, Gewebe durch 2–6 färbige Anordnung der Ketten- und Schussfäden zu figurieren. 76 Tafeln mit 580 Bildungen. *Wien: A. Hartleben*, 1907. 4 p.l., 45 (1) p., 76 pl. 8°.

Electrician (The) primers. Being a series of helpful primers on electrical subjects, for the use of students, pupils, artisans, and general readers. Edited by W. R. Cooper. *London: "The Electrician" Pt'g and Pub. Co., Ltd.* [1906] 3 v. in 1. 8°.

Escard (Jean). Le carbonne, et son industrie. *Paris: H. Dunod & E. Pinat*, 1906. xviii, 763 p., 1 pl. illus. 8°.

Felizitas, *pseud.* Manöver-Küche. Ein Kochbuch, welches auch für Touristen... sowie für Personen, welche vormittage beruflich verhindert sind, ihre Mahlzeit zu kochen, gute Dienste leisten wird. *Wien: Im Selbstverlage des Verfassers*, 1905. 2 p.l., 93 p. 8°.

Findeisen (F.) Praktische Anleitung zur Herstellung einfacher Gebäude-Blitzableiter. Mit einer Einleitung von Leonhard Weber. *Berlin: J. Springer*, 1906. v, 1 l., 126 p., 5 pl. illus. 8°.

Fraenk (Ernst). Handbuch der Baumwoll-Industrie... Mit... Illustrationen. *Berlin: Verl. f. Textil-Industrie*, 1906. vii, 196 p. 8°.

Franke (Erwin). Kaffee, Kaffeekonserven und Kaffeesurrogat... mit... Abbildungen. *Wien: A. Hartleben*, 1907. 1 p.l., viii, 221 p. 12°. (A. Hartleben's chemisch-technische Bibl. [No. 297.])

Franklin (William Suddards), *and* W. Esty. The elements of electrical engineering. A text book for technical schools and colleges. v. 1. *New York: Macmillan Co.*, 1906. 8°.

Fricker (M.) Rivetage. *Paris: Gauthier-Villars* [1906]. 168 p. 12°. (Encyc. sci. d. aide-mémoire. Sec. de l'ingénieur.)

Garnett (W. H. Stuart). Turbines. *London: G. Bell & Sons*, 1906. xiv, 283 p., 1 pl. illus. 8°.

Gelpke (Viktor). Turbinen und Turbinenanlagen. *Berlin: J. Springer*, 1906. vii, 181 (1) p., 31 pl. illus. 4°.

Grillet (Louis). L'hygiène du travail dans les établissements industriels et commerciaux. *Paris: Gauthier-Villars* [1906]. 192 p. 12°. (Encyc. sci. des aide-memoire. Sec. de l'ingénieur.)

Grillet (Louis). La réglementation du travail dans les établissements industriels. *Paris: Gauthier-Villars* [1906]. 172 p. 12°. (Encyc. sci. d. aide-mémoire. Sec. de l'ingénieur.)

Grundner ( ), *and* ( ) Schwappach. Massentafeln zur Bestimmung des Holzgehaltes stehender Waldbäume und Waldbestände. Nach den Arbeiten der forstlichen Versuchsanstalten des Deutschen Reiches und Österreichs hrsg. von Dr. Grundner und Dr. Schwappach. *Berlin: P. Parey*, 1906. iv, 1 l., 124 p. 2. ed. 8°.

Gurley (W. & L. E.) A hand book for the use of sealers of weights and measures, prepared by F. Reichmann for W. & L. E. Gurley. *Troy, N. Y.*, 1906. 143 p., 1 pl. illus. 16°.

—— A manual of the principal instruments used in American engineering and surveying, manufactured by W. & L. E. Gurley. *Troy, N. Y.: The Company*, 1905. 446 p., 2 port. illus. 39. ed. 16°.

Guttmann (Oscar). Blasting: a handbook for the use of engineers and others engaged in mining, tunnelling, quarrying, etc. *London: C. Griffin & Co.*, 1906. xii, 183 p., 3 pl., 1 tab. 2. ed. 8°.

—— Handbuch der Sprengarbeit. *Braunschweig: F. Vieweg & Sohn*, 1906. x, 1 l., 99 p., 4 pl., 2 tab. illus. 2. ed. 8°. (Handbuch der chemischen Technologie. N. F. Lief. 13.)

Haandværk i Hjemmet, en Række Vejledninger i Forarbejdelse og Reparation af Brugsgenstande. Af flere Forfattere. [*Köbenhavn:*] "*Fram*," 1906. 2 p.l., 302 (1) p. ill. 8°.

Haenel (Erich), *and* H. Tscharmann. Das Einzelwohnhaus der Neuzeit. Hrsg. von Erich Haenel und Heinrich Tscharmann. Mit...Perspektiven und Grundrissen. *Leipzig: J. J. Weber*, 1907. lii, 179, (1) p., 6 p.l. 4°.

Hainbach (Rudolf). Technik der Dekorierung keramischer Waren...Mit 22 Abbildungen. *Wien: A. Hartleben*, 1907. viii, 312 p. 12°. (Hartleben's Chemisch-technische Bibliothek. Bd. 298.)

Hall (Clare Hamilton). The chemistry of paints and paint vehicles. *New York: D. Van Nostrand Co.*, 1906. vi, 134 p. 12°.

Hasluck (Paul Nooncrie). Boot and shoe pattern, cutting and clicking. With engravings and diagrams. *London: Cassell & Co.*, 1906. 160 p. 12°. (Technical Instruction Manuals. [no. 12.])

—— Practical painters' work. With...engravings and diagrams. *London: Cassell & Co.*, 1906. 160 p. 12°. (Technical Instruction Manuals. [no. 11.])

—— Sewing machines. Their construction, adjustment and repair. *London: Cassell & Co.*, 1905. 2 p.l., (1) 8–160 p. illus. 12°. (Handicraft series.)

Herbert (T. E.) Telegraphy. A detailed exposition of the telegraph system of the British post office. *London: Whittaker & Co.*, 1906. xx, 912 p., 2 pl. illus. 12°.

Herrick (Christine Terhune), *and others*. Consolidated library of modern cooking and household recipes. C. T. Herrick, editor-in-chief...and associate author with M. Harland...and a list of contributors which includes many of the famous chefs and cooking experts of the United States. *New York: R. J. Bodmer Co.*, 1905. 5 v. illus. 8°.

Hodgson (Frederick Thomas). Modern carpentry and joinery...prepared and edited by Fred T. Hodgson. v. 2. *Chicago: F. G. Drake & Co.*, 1906. 12°.

Hoppe (Fritz). Lexikon der Elektrizität und Elektrotechnik. Unter Mitwirkung von Fachgenossen hrsg. und redigiert von...Fritz Hoppe. *Wien: A. Hartleben* [1906]. vi, 1 l., 960 p. illus. 8°.

How to do more business. [By G. C. M.] *London: G. Pitman* [1906]. 2 p.l., vii–viii, 9–184 p. 16°.

How we cook in Tennessee. Compiled by the Silver Thimble Society, of the First Baptist Church. *Jackson, Tenn.*, 1906. 316 p. 12°.

Howe (Malverd Abijah). Symmetrical masonry arches, including natural stone, plain-concrete, and reinforced-concrete arches. For the use of technical schools, engineers. *New York: J. Wiley & Sons*, 1906. x, 170 p., 4 pl. illus. 1. ed. f°.

Hume (H. Harold). The pecan and its culture. *Petersburg, Virginia: American Fruit & Nut Journal*, 1906. 159 p. illus. 12°.

Iles (George). Inventors at work, with chapters on discovery. *New York: Doubleday, Page & Co.*, 1906. xxii, 1 l., 503 p., 15 pl., 9 port. illus. 8°.

Innes (Charles Herbert). Air compressors and blowing engines, especially adapted for engineers. *Manchester* [*Engl.*]: *The Technical Pub. Co., Ltd.*, 1906. 4 p.l., 290 p. illus. 12°.

Ives (Howard Chapin), *and* H. E. Hilts. Problems in surveying, railroad surveying and geodesy. With an appendix on the adjustments of the engineer's transit and level. *New York: J. Wiley & Sons*, 1906. ix, 136 p. 16°.

Judson (William Pierson). City roads and pavements suited to cities of moderate size. *New York: Engineering News Pub. Co.* [1906] 197 p., 3 l., 1 pl. illus. 3. ed. 8°.

Kipke (Karl). Praktisches Arbeiten im Brauereilaboratorium. Kurze Anleitung mit Beispielen und Berechnungen zusammengestellt von Dr. C. Hipke. *Berlin: J. Springer*, 1906. viii, 74 p., 10 tab. 12°.

Lamb (C. G.) Alternating currents. A textbook for students of engineering. *New York: Longmans, Green & Co.* [1906] vi, 1 l., 325 p. 8°.

Laughlin (James Laurence). Industrial America. Berlin Lectures of 1906. *New York: C. Scribner's Sons*, 1906. viii, 2 l., 261 p., 1 diag., 6 maps, 2 pl. 8°.

Leland (Charles Godfrey). Elementary metal work. A practical manual for amateurs and for use in schools. *London: Whittaker & Co.*, 1900. xvi, 111 p. 2. ed. 8°.

Lewin (C. M.) Werkstättenbuchführung für moderne Fabrikbetriebe. *Berlin: J. Springer*, 1906. viii, 152 p. 8°.

Lincke (Max). Ausbildung und Prüfung von Privatforstbeamten in Deutschland, nebst Erörterungen über Anstellung, Besoldung, Stellenwechsel und Vermittelung. Ein Wegweiser bei der Berufswahl; ein Ratgeber während der Ausbildung. *Neudamm: J. Neumann*, 1906. viii, 180 p. 8°.

Lutter (Wilhelm). Die Knopffabrikation. *Wien: A. Hartleben*, 1907. viii, 240 p. illus. 12°. (A. Hartlebens chemisch-technische Bibliothek. [Bd.] 296.)

Martin (Louis Adolphe). Textbook of mechanics. *New York: J. Wiley & Sons*, 1906. v. 1. illus. 1. ed. 12°.

Martón é Izaguirre (Jerónimo). Ley y reglamento de policía de ferrocarriles anotada con las disposiciones vigentes. *Madrid: Hijos de Cuesta*, 1906. 126 p. 16°.

Meade (Richard Kidder). Portland cement; its composition, raw materials, manufacture, testing and analysis. *Easton, Pa.: The Chem. Publ. Co.*, 1906. viii, 385 p., 5 pl., 1 tab. 8°.

Mitchell (Charles Frederick). Building construction. A text book on the principles and details of modern construction. Assisted by George A. Mitchell. *London: B. T. Batsford*, 1906. vi, 1 l., 792 p. 5. ed. 12°.

Moderne Stickereien. Eine Auswahl moderner Stickerei-Arbeiten in jeder Technik, sowie neuzeitlicher Entwürfe hervorragender Künstler und Künstlerinnen... Hrsg. von Hofrat Alexander Koch. [*Darmstadt: A. Koch*, 1906?] 2 v. illus. 4°. (Kochs Monographien, 1 and 4.)

Moore (Thomas). Engineers' and general smiths' work. The smith and forgeman's handbook of practical smithing and forging. With... illustrations, examples and tables. *London: E. & F. N. Spon, Ltd.*, 1906. 4 p.l., 248 p. 12°.

Neumann (Fritz). Die Zentrifugalpumpen mit besonderer Berücksichtigung der Schaufelschnitte. *Berlin: J. Springer*, 1906. viii, 197 p., 7 diag. illus. 8°.

Niethammer (Friedrich). Turbodynamos und verwandte Maschinen. Mit...Abbildungen. *Zürich: F. Amberger*, 1906. 144 p., 2 l., 2 tabl. 8°.

O'Callaghan (M. A.) Dairying in all its branches, with special reference to Australian conditions. By M. A. O'Callaghan. With an additional note on Cheddar cheese-making, by W. Graham. [*Sydney*,] 1906. xiv, 361 p., 1 pl. illus. 8°. (N. S. W. Agric. Dept.)

Parshall (Horace Field), *and* H. M. HOBART. Electric machine design, being a revised and enlarged edition of "Electric generators." *London: "Offices of Engineering,"* 1906. xxvi, 1 l., 575 p., 19 pl., 1 port., 2 tab. sq. 4°.

Payne (A. G.) Practical home cookery. *London: Cassel & Co., Ltd.*, 1906. 190 p. 12°.

Pennsylvania (The) Railroad System at the Louisiana Purchase Exposition. Locomotive tests and exhibits. Saint Louis, Missouri, 1904. *Philadelphia: The Pennsylvania Railroad Co.*, 1905. 1 p.l., viii, 734 p., 66 diagr., 1 table. 1. ed. 8°.

Pohlhausen (A.) Berechnung, Ausführung und Wartung der heutigen Dampfkesselanlagen. Lehr- und Handbuch für Techniker und Ingenieure. *Mittweida: R. Schulze*, 1906. 4 p.l., 209 (1) p., 36 p. illus. 3. ed. f°.

—— —— Beilage. 92 p. 8°.

Railway organization and working. A series of lectures delivered before the railway classes of the University of Chicago. Ed. by Ernest R. Dewsnup. *Chicago: Univ. of Chicago Press*, 1906. xi, 498 p. 8°.

Railway Signal Association. Digest of proceedings of the Railway Signal Association (formerly Railway Signaling Club). Compiled under direction of the Executive Committee, 1895–1905. *Bethlehem, Pa.: Times Pub. Co.*, 1906. Rev. ed. 2 v. 8°.

Rebber (W.), *and* A. POHLHAUSEN. Berechnung und Konstruktion der Maschinenelemente. Hrsg. von W. Rebber und A. Pohlhausen. Sechste Auflage, bearbeitet von A. Pohlhausen. *Mittweida: R. Schulze*, 1905. 4 p.l., 148 f. illus. f°.

—— —— Beilage. 38 p., 1 l. 8°.

Report on British standard systems for limit gauges (running fits). *London: C. Lockwood & Son*, 1906. 6 f., 1 diag., 4 tab. f°. (Engineering Standard Committee: Interim report, no. 27.)

Ries (Heinrich). Clays: their occurrence, properties, and uses. With especial reference to those of the United States. *New York: J. Wiley & Sons*, 1906. xvi, 490 p., 46 pl. 8°.

Rose (Joseph H.) Modern sheet-metal workers' instructor. *Chicago: F. J. Drake & Co.*, 1906. 309 p. illus. 12°.

Ryba (Gustav). Die elektrischen Signalvorrichtungen der Bergwerke.] *Brüx: A. Kunz*, 1906. x, 168 p. illus. 8°.

Schmiedel (Ottomar). Die Statik der statisch bestimmten Brückenträger. Elementares Lehrbuch ... Mit 202 Figuren. *Berlin: W. & S. Loewenthal* [1906]. 2 p.l., 158 p. 4°.

Sedlacek (Alfred). Chemisch-technische Rezepte und Notizen für die Zahnpraxie. *Wien: A. Hartleben*, 1907. viii, 397 p. 2. ed. 12°. (Hartleben's Chemisch-technische Bibliothek. Bd. 299.)

Seemann (Alfred). Die Müllerschen Schieberdiagramme für Steuerungen ortfester Dampfmaschinen. Mit 121 Textfiguren...[etc.] *München: T. Ackermann*, 1906. viii, 192 p., 7 diag. 2. ed. 4°.

Seufert (Franz). Anleitung zur Durchführung von Versuchen an Dampfmaschinen und Dampfkesseln. *Berlin: J. Springer*, 1906. vi, 63 p. 8°.

Simmersbach (Oskar). Die Eisenindustrie. *Leipzig: B. G. Teubner*, 1906. x, 322 p. 8°. (Teubner's Handbücher für Handel und Gewerbe.)

Simple cookery. Part I., Tasty dishes; Part II., More tasty dishes. Over 500 tested receipts. *London: J. Clarke & Co.* [1906] 5 p.l., 156 p. 12°.

Smith (Watson). The chemistry of hat manufacturing. Lectures delivered before the Hat Manufacturers' Association. Revised and ed. by A. Shonk. With...illustrations. *London: Scott, Greenwood & Son*, 1906. vii, 124 p. 12°.

Stroehl (Hugo Gerard). Japanisches Wappenbuch "Nihon moncho." Ein Handbuch für Kunstgewerbetreibende und Sammler. *Wien: A. Schroll & Co.*, 1906. ix (1), 250 p., 1 map, 12 pl. illus. 8°.

Table Talk's illustrated cook book, by Table Talk Publishing Co. *Philadelphia* [1906]. 144 p. sq. 12°.

Technological (A) and scientific dictionary. Edited by G. F. Goodchild...and C. F. Tweney. *London: G. Newnes* [1906]. viii, 875 p. illus. 8°.

Thomas (John Jacob). The American fruit culturist, containing practical directions for the propagation and culture of all fruits adapted to the United States. Twenty-first edition, revised and enlarged by W. H. S. Wood. *New York: O. Judd Co.*, 1906. xvii, 823 p. illus. 8°.

Thomson (Helen Mar). Monarch cook book: kitchen-tested recipes for every-day use. *Beaver Dam, Wis.: Malleable Iron Range Co.* [1906] 143 p. 12°.

Thresh (John Clough), *and* A. E. PORTER. Preservatives in food and food examination. *Philadelphia: P. Blakiston's Son & Co.*, 1906. xv, 484 p. illus. 8°.

Uttley (T. W.) Cotton spinning and manufacturing in the United States of America. A report to the Electors to the Gartside Scholarships on the results of a tour of the American cotton manufacturing centres made in the winter of 1903, and spring of 1904. *Manchester: the University Press*, 1905. xii, 1 l., 69 p., 1 l. 8°. (Victoria Univ., Manchester, Eng. Pub. no. 8.)

Varenne (E.) L'alcool dénaturé. *Paris: Gauthier-Villars* [1906]. 168 p., 1 l. 12°. (Encyc. sci. d. aide-mémoire. Sec. de l'ingénieur.)

Venable (William Mayo). Garbage crematories in America. *New York: J. Wiley & Sons*, 1906. x, 200 p., 1 pl. illus. 8°.

Vieth (Adolph). Eisengiesserei. Die Formerei. Mit...Abbildungen. *Bremen: G. Winter*, 1906. 121 p. 12°.

Watson (Thomas L.), *and others*. The building and ornamental stones of North Carolina. By Thomas L. Watson and Francis B. Laney, with the collaboration of George P. Merrill. *Raleigh: E. M. Uzzell*, 1906. xix, 283 p., 3 maps, 29 pl. 4°. (N. C. Geological Survey. Bull. no. 2.)

Webb (Walter Loring). The economics of railroad construction. *New York: John Wiley & Sons*, 1906. viii, 339 p. 8°.

Weigel (Robert). Konstruktion und Berechnung elektrischer Maschinen und Apparate. Erläutert durch Beispiele mit...Abbildungen... Konstruktionstafeln, und Kurventafeln. *Leipzig: Hachmeister & Thal*, 1906. 4 p.l., 267 p., 30 diagr. f°. (Handbuch der Starkstromtechnik. Bd. 1.)

Wichelhaus (Karl Hermann). Vorlesungen über chemische Technologie. Mit...in den Text gedruckten Abbildungen. *Berlin: G. Siemens*, 1906. vi, 1 l., 836 p. 2. ed. 8°.

Woodward (James T.) A statistical analysis of the operations of the Pennsylvania Railroad Company, years ending Dec. 31st, 1899–1904, incl. Comp. by J. T. Woodward. *New York: O. C. Lewis & Co.*, 1905. 2 p.l., 857 p. ob. 16°.

Wright (F. B.) A practical handbook of the distillation of alcohol, from farm products . . . with chapters on alcoholometry and the denaturing of alcohol. *New York: Spon & Chamberlain*, 1906. vii. (1), 194 p. 12°.

Zeda (Umberto). Electric bells, indicators, and aerial lines...Translated from the original Italian and revised by S. R. Bottone...(Authorized ed.) *London: G. Pitman*, 1906. xv, 17–120 p. illus. 12°.

Zipkes (S.) Die Scher- und Schubfestigkeit des Eisenbetons. *Berlin: W. Ernst & Sohn*, 1906. 42 p. 8°.

Zryd (J.) Cours progressif de sténographie. (Système Prévost-Delaunay) Théorie, Exemples, Exercices d'écriture et de lecture, Conseils pratiques. *Paris: H. Dunod et E. Pina*, 1906. 2 p.l., 198 p. 12°.

Military and Naval Art and Science.

Bourgain (G.) Le monde en images. Le marin, français. *Paris: H. Laurens* [1896]. 4 l., 32 pl. illus. f°.

Proudfit Collection.

Causa instruida contra el General Leonardo Marquez por graves delitos del orden militar, publicase por primera vez. *Mexico: Vda. de Ch. Bouret*, 1906. viii, 288 p., 2 l. 12°. (Documentos inéditos ó muy raros para la historia de México. T. 8.)

Clowes (*Sir* William Laird). Four modern naval campaigns; historical, strategical, and tactical. *London: Hutchinson & Co.*, 1906. 2 p.l., v–ix, 244 p., 16 maps. 16°. (Hutchinson's popular classics.)

Daveluy (René). Les leçons de la guerre russo-japonaise. La lutte pour l'empire de la mer. Exposé et critique. *Paris: A. Challamel*, 1906. viii, 231 p., 3 maps. 8°.

Davis (Charles Gerard). How to design a yacht. *New York: The Rudder Pub. Co.*, 1906. 108 p. illus. 4°.

Harbeck (Charles T.) A contribution to the bibliography of the history of the United States navy. Comp. by Charles T. Harbeck [assisted by Agnes O. Doyle and Axel F. C. M. Moth]. *Cambridge: Riverside Press*, 1906. viii, 247, (1) p. 4°.

Haydon (A. L.) The book of the V. C. A record of the deeds of heroism for which the Victoria Cross has been bestowed, from its institution in 1857 to the present time. Compiled from official papers, and other authentic sources, by A. L. Haydon. *London: A. Melrose*, 1906. xii, 294 p., 10 pl. 12°.

Kalinowski (Walter Erdmann von). Das Bekleidungswesen unserer Armee und die Anforderungen an eine kriegsbrauchbare Fussbekleidung, von v. Kalinowski, Oberst und Vorstand des Bekleidungsamts III. Armeekorps. *Berlin: Verlag der Liebelschen Buchhandlung*, 1906. 36 p. 12°.

McKee (James Harvey). Back "in war times." History of the 144th regiment, New York volunteer infantry. [*Unadilla, N. Y.:*] *H. E. Bailey*, 1903. 378 p., 5 maps, 31 pl., 2 port. 8°.

Mayo (John Horsley). Medals and decorations of the British army and navy. *Westminster: A. Constable & Co.*, 1897. 2 v. plates. 4°.

Robinson (Richard Hallett Meredith). Naval construction, prepared for the use of the midshipmen of the United States Naval Academy. *Annapolis, Md.: The United States Naval Institute*, 1906. vi, 1 l., 285 p., 19 pl., 2 tab. illus. 8°.

Roe (Alfred Seelye). The Ninth New York heavy artillery. A history of its organization, services in the defenses of Washington...and a complete roster of the regiment. *Worcester, Mass.: The author*, 1899. 615 p., 35 pl., 11 port. 8°.

Salas (Javier de). Acciones navales modernas (1855–1900). Compendio histórico con 18 pianos. *Madrid: Imp. Aleman*, 1903. vi, 7–248 p., 1 l. 8°.

Tesdorpf (A.) Ernstes und Heiteres aus bewegten Lebenserinnerungen eines älteren Seeoffiziers. Kulturbilder älterer Marine-Zeiten. Das Einst und Jetzt. *Neustrelitz: H. Bohl*, 1906. 259 p. 8°.

Weaver (Erasmus Morgan). Notes on military explosives. *New York: J. Wiley & Sons*, 1906. ix, 311 p. 8°.

Wislicenus (Georg). Unsre Kriegsflotte. Dem deutschen Volke in Wort und Bild dargestellt unter Mitwirkung der Marinemaler Carl Saltzmann, Friedrich Schwinge, Willy Stöwer. *Leipzig: F. A. Brockhaus*, 1896. 5 p.l., 40 p., 20 pl. 2. ed. f°.

Zeltz (Roderich). Handbuch der Nautik. *Leipzig: J. J. Weber*, 1906. xi, 306 p. illus. 16°. (Weber's illustrierte Handbücher. Bd. 257.)

Zimmermann (Waldemar). Arbeiter und Flotte. Eine Studie über Seewirtschaft, Weltpolitik und Arbeiterpolitik. *Berlin: Deutscher Verlag*, 1906. 2 p.l., 144 p. 8°.

Philosophy.

Abbot (Francis Ellingwood). The syllogistic philosophy, or Prolegomena to science. *Boston: Little, Brown & Co.*, 1906. 2 v. 8°.

Baldwin (James Mark). Thought and things. A study of the development and meaning of thought; or, Genetic logic. v. 1. *London: Swan, Sonnenschein & Co.*, 1906. 8°. (Library of philosophy.)

v. 1. Functional logic; or, Genetic theory of knowledge.

Benn (Alfred William). The history of English rationalism in the nineteenth century. *London: Longmans, Green & Co.*, 1906. 2 v. 8°.

Dietzgen (Joseph). The positive outcome of philosophy: The nature of human brain work. Letters on logic. The positive outcome of philosophy. Translated by Ernest Untermann. With an introduction by...Anton Pannekoek...Edited by Eugene Dietzgen and Joseph Dietzgen, jr. *Chicago: C. H. Keer & Co.*, 1906. 1 p.l., v–vi, 7–444 p. 12°.

Eisler (Rudolf). Leib und Seele. Darstellung und Kritik der neueren Theorien des Verhältnisses zwischen physischem und psychischem Dasein. *Leipzig: J. A. Barth*, 1906. vi, 217 p. 8°. Natur- und Kulturphilosophie Bibliothek. Bd. 4.)

Fullerton (George Stuart). An introduction to philosophy. *New York: The Macmillan Co.*, 1906. xiii, 322 p. 8°.

Hyslop (James Hervey). Borderland of psychical research. *Boston: H. B. Turner & Co.*, 1906. viii, 1 l., 425 p. 8°.

King (Irving). The psychology of child development. With an introduction by John Dewey. *Chicago: The University of Chicago Press*, 1906. 3 p.l., v, xxi, 265 p. 2. ed. 12°.

Marie (A.) Mysticisme et folie. (Étude de psychologie normale et pathologique comparées.) *Paris: V. Giard & E. Brière*, 1907. xi, 342 p., 1 l. illus. 8°. (Études economiques et sociales. v. 2.)

Nayrac (Jean-Paul). Physiologie et psychologie de l'attention: évolution, dissolution, rééducation...Préface de T. Ribot. *Paris: F. Alcan*, 1906. 2 p.l., xi, 224 p. 8°.

Meyer (Theodor). Institutiones iuris naturalis seu philosophiæ moralis universæ secundum principia S. Thomæ Aquinatis...Pars 1. *Friburgi Brisgoviæ: Sumptibus Herder*, 1906. 2. ed. 8°. (Philosophia Lacensis. Ius naturale. Pars 1. 2. ed.)

Theology.

Alston (Leonard). Stoic and Christian in the second century. A comparison of the ethical teaching of Marcus Aurelius, with that of contemporary and antecedent Christianity. *London: Longmans, Green & Co.*, 1906. ix, 146 p., 1 l. 12°.

Anwyl (Edward). Celtic religion in pre-Christian times. *London: A. Constable & Co.*, 1906. 4 p.l., 69, (1) p. 12°. (Religions, ancient and modern.)

Barnett (Lionel D.) Hinduism. *London: A. Constable & Co., Ltd.*, 1906. vi, 66 p., 1 l. 12°. (Religions: Ancient and modern.)

Bierer (Everard). The evolution of religions. *New York: G. P. Putnam's Sons*, 1906. xv, 1 l., 385 p. 8°.

Church federation. Inter-church conference on federation. New York, November 15–21, 1905. Edited by E. B. Sanford, D.D. *New York: F. H. Revell Co.* [1906.] xv, 1 l., 9–691 p., 21 pl. 8°.

Churchill (Charles Henry). The Druzes and the Maronites under the Turkish rule. From 1840 to 1860. *London: B. Quaritch*, 1862. viii, 300 p. 8°.

This is a continuation of the author's "Mount Lebanon," and contains ao index to both works.

Conybeare (Frederick Cornwallis). Rituale Armenorum, being the administration of the sacraments and the breviary rites of the Armenian church, together with the Greek rites of baptism and epiphany. Ed. from the oldest mss. by F. C. Conybeare...and The East Syrian epiphany rites. Translated by...A. J. Maclean. *Oxford: The Clarendon Press*, 1905. xxxv, 536 p., 1 fac-sim. 8°.

Debidour (Antonin). L'église catholique et l'état, sous la troisième république (1870–1906). Tome 1 (1870–1889). *Paris: F. Alcan*, 1906. 8°.

Dole (Charles Fletcher). The hope of immortality; our reasons for it. *New York: T. Y. Crowell & Co.* [1906.] 2 p.l., iii–x, 61 p. 12°. (The Ingersoll lecture, 1906.)

Frazer (James George). Adonis, Attis, Osiris. Studies in the history of oriental religion. *London: Macmillan & Co., Ltd.*, 1906. xvi, 339 p. 8°.

Hoensbroech (Paul Kajas von), *Graf*. Moderner Staat und römische Kirche...Ein kirchenpolitisches Programm auf geschichtlicher Grundlage. *Berlin: C. A. Schwetschke & Sohn*, 1906. ix (1), 301 p. 8°.

PRINCIPAL DONORS IN FEBRUARY.

	VOLS.	PMS.
Academia Româna	9	3
Amateur Comedy Club . .	1	
Amer. Art Assoc.	4	2
Amer. Book Co.	10	
Amer. Water Works Assoc. .	1	
Amer. Soc. of Civil Engineers	1	
Apostolides, Dr. B. . . .	1	
Australasian Massage Assoc.		1
Automobile Institute . . .	1	
Baker, Arthur		2
Belgium, Min. de l'Interieur	1	
Bigelow, Hon. John . . .	1	7
Boardman, Samuel Lane . .	2	
Bremen, Handelskammer .	1	
British Columbia, King's Printer	1	
California State Library . .	1	1
Canada, Geological Survey .	3	2
Canada, King's Printer . .	4	
Catholic Univ. of America .	1	
Cattell, Prof. J. McKeen .		4
Cellarius, F.	15	
Ceská Akademie	3	
Colchester, Eng., Town Clerk	2	
Coleman, Prof. J.	1	
Corporation Trust Company	3	14
Denmark, Store Kongelige Bibliothek	1	
Draper, Mrs. Henry (230 prints)	5	1
Evening Post	207	13
Feuchtwanger, Mrs. E. . .	13	
Florida, Sec. of State . . .	5	
Florida, State Chemist . .	2	
Ford, Worthington C. (95 prints)	2900	1400
Forney, M. N.	4	100
Gloucestershire Co. Council	15	2
Gt. Britain, Patent Office .	22	
Halpin, Paul	13	
Harvard College, Class of 1881	1	
Hawaiian Engineering Assoc.		2
Hosp. Book and News. Soc.	38	97
Houghton, Clement S. . .	1	
Hunt, Edmund Soper. . .	1	
Illinois, Sec. of State . . .	47	38
Indiana, Adjutant-General .	1	
Indiana State Library . .	2	
Inst. for Educ. of Blind in Egypt		4
Internat. Correspondence Schools	1	
Knortz, Karl . . (MSS.)	3	6
Lawrence, R. H. (1 print)		
Liberal Immigration League	1	33
Maryland Geological Survey	1	
Mercante, Victor	2	
Nagle, Dr. John T. . . .	2	4
Nat. Assoc. Cotton Manufacturers	1	
New England Soc. . . .	1	
New Orleans Progressive Union		28
New York City, Dept. of Health	3	
New York State Library . .	7	5
Newton, Mass., City Clerk .	1	
New Zealand, Gov't Printer	1	
Norton, Eliot	17	105
Norway, Bur. Cent. de Statistique	13	24
Ontario, Minister of Education	1	
Pruyn, Mrs. Anna Parker .	1	
Publishers' Weekly . . .	153	76
Royal Philosophical Society, Glasgow	1	
Schenectady, N.Y., City Clerk	1	
Scientific American . . .		106
Schoenrich, Prof. C. O. . .	18	60
Sheldon, Frederick . . .	1	1
Smithsonian Institution . .	21	1
Stockton-on-Tees, Town Clk.	2	2
Straits Settlement, American Consul-General	1	
Sweden, Bur. Cent. de Statistique	3	2
Teggart, Frederick J. . .	1	1
Tikhon, Archbishop . . .	1	
Trowd, Mrs. William T. . .	13	
Ulster Soc. Educ. of Deaf and Dumb		20
U. S. Supt. of Documents .	66	72
U. S. Surgeon-General . .	77	278
Universidad de La Plata . .	1	
University Club Library . .	268	99
Virginia, Corporation Comm.	2	
Woman's Century Club, N. C. R.		5

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

LIBRARY
APR 22 1907
UNIVERSITY OF TORONTO

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

APRIL 1907

VOLUME XI · NUMBER 4

Report for March 139–142
List of Works relating to Virginia (Conclusion) . . . 143–168
Principal Accessions in March 169–179
Principal Donors in March 180

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)
Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
59th Street, 113 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 569 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 2933 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. APRIL, 1907. No. 4.

REPORT FOR MARCH.

REFERENCE DEPARTMENT.

During the month of March there were received at the Library by purchase, 1,291 volumes and 409 pamphlets; by gift, 5,257 volumes and 3,656 pamphlets; and by exchange, 72 volumes and 3,830 pamphlets, making a total of 6,620 volumes and 7,895 pamphlets.

There were catalogued 4,024 volumes and 1,802 pamphlets; the number of cards written was 8,667, and of slips for the copying machine 2,065; from the latter were received 12,959 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	4,490	14,160	1,690	15,850	20,340
No. of readers	2,508	14,160	1,690	15,850	18,358
No. of readers, desk applicants	1,357	14,535	1,673	16,208	17,565
No. of volumes consulted by desk applicants	7,442	75,473	4,465	79,938	87,380
Daily average of readers	96	544	65	609	706
No. of visitors to Print Exhibition, etc.	2,571				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Clemens' "Christian Science," Gasquet's "Lord Acton and his circle"; (adult fiction): Chambers's "Fighting Chance," Harrison's "The Far Horizon," Klein's "The Lion and the Mouse"; (juvenile fiction): Alcott's "Little Women," Barbour's "Crimson Sweater," Aldrich's "Story of a bad boy."

CIRCULATION STATISTICS FOR MARCH.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	9,584	1,763	361	2,239	2,245	267
East Broadway, 197	22,739	3,254	855			444
Rivington Street, 61	17,758	9,019	576	9,164	9,259	518
Le Roy Street, 66	8,987	7,551	189	1,690	8,820	53
Bond Street, 49	8,992	998	231	2,246	3,916	210
8th Street. 135 Second Avenue	16,684	2,057	335	3,489	3,757	304
10th Street, 331 East	18,220	2,702	538	2,922	3,159	345
13th Street, 251 West	8,773	1,366	119	1,657	1,686	90
22d Street, 230 East	1,990	17	30			56
23d Street, 209 West	12,180	4,649	236			191
34th Street, 215 East	6,935	2,348	104			108
40th Street, 501 West	3,675		72			20
42d Street, 226 West	11,674	801	285			169
50th Street, 123 East	5,967	808	170	337	379	127
51st Street, 463 West	4,048	186	67	291	496	46
59th Street, 113 East	9,263	1,519	234	2,843	2,843	1,169
67th Street, 328 East	12,838	1,139	202	860	2,341	200
69th Street. 190 Amsterdam Avenue.	11,978	956	214	4,128	6,128	181
Travelling Libraries	78,443					849
77th Street. 1465 Avenue A	14,208	276	299	347	1,492	214
79th Street, 222 East	19,521	2,162	242	2,833	5,370	252
81st Street. 444 Amsterdam Avenue.	16,248	2,197	234	1,442	1,772	204
Blind Library	904		10			59
96th Street, 112 East	20,836	1,900	345	1,300	3,099	252
100th Street, 206 West	17,231	4,861	304	1,776	2,070	295
110th Street, 174 East	16,981	4,663	413	1,996	3,749	173
123d Street, 32 West	8,299	364	235	1,390	1,591	355
125th Street, 224 East	11,014	1,544	273	753	992	141
135th Street, 103 West	19,415	1,700	373	1,293	4,103	113
145th Street, 503 West	16,737	2,958	801	1,902	6,289	265
156th Street. 922 St. Nicholas Avenue.	8,222	2,665	155			194
BRONX.						
140th Street and Alexander Avenue	19,911	731	482	1,754	4,670	120
176th Street and Washington Avenue.	17,630	556	332	1,155	2,656	287
Kingsbridge Avenue, 2933	2,258	1,992	27			65
RICHMOND.						
Tottenville	2,627	834	22			48
Port Richmond	6,497	756	94	593	652	105
TOTALS	489,267	71,292	9,459	50,400	83,534	8,489

The most important gift of the month consisted of 332 volumes from the Honorable Elihu Root, Secretary of State, being a collection of reports, orders, statutes, translations of Spanish laws and documents, official opinions, decisions circulars, etc., printed in the course of the military government of Porto Rico Cuba, and the Philippine Islands, and of the civil government of the Philippine Islands, together with some volumes relating to kindred subjects, such as the China Relief Expedition of 1900, and various features of the War with Spain, the annexation of the Hawaiian Islands, and our insular policy and affairs.

Other gifts were from: Lord Amherst of Hackney, "A hand-list of a collection of books and MSS. belonging to the Right Hon. Lord Amherst of Hackney," compiled by Seymour de Ricci, Cambridge, 1906 (privately printed); from the British Museum, 3 volumes of catalogues, including Barclay V. Head's "Catalogue of the Greek Coins of Phrygia," London, 1906, J. F. Blumhardt's "Catalogue of the Marathi Guajarati, Bengali, Assamese, Oriya, Pushtu and Sindhi MSS., London, 1905, and G. K. Fortescue's "Subject Index of the Modern Works added," 1901–1905, London, 1906; from Loys Delteil, a copy of his "Le peintre graveur illustré, XIX et XX siècles. Tome 2: Charles Meryon," Paris, 1907; from the Frankfurter Zeitung, 1 volume and 2 pamphlets, including the "Geschichte der Frankfurter Zeitung 1856 bis 1906," Frankfurt a. M., 1906; from George A. Lucas, a copy of "Manet, graveur et lithographie, par Etienne Moreau-Nélaton," (No. 4 of 20 copies printed); from the American Ambassador to Mexico, a set of plans, with a descriptive album, relating to the General Hospital of Mexico, Mexico, 1905; from Charles B. Meyer, 48 volumes relating to railways in New York State; from the New York State Supreme Court, Appellate Division, First Judicial Department, 4,000 volumes and 2,000 pamphlets, a collection of briefs from 1900 to 1906; from Nicholas Wapler, 44 volumes of the "Illustrirte Zeitung," Leipzig, covering the period from 1884 to 1905; from Arthur Sandys, his "Annals of de Normandie as preserved in documents, notes, private papers, public records, the writings of old authors and the registers of the City of Geneva," Cambridge, 1901, one of fifty copies printed; from T. Jefferson Coolidge his "Autobiography," privately printed at Boston in 1902; and from Horace Hart of the Oxford University Press his "Notes on a Century of Typography at the University Press, Oxford, 1693–1794," printed in an edition of 150 copies in 1905.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: East Broadway, Birds, Birthdays of celebrated men and women, Books on Japan, John Fiske, Music and musicians, Sir Edwin Landseer; Rivington Street, Indoor games, Sea stories, Roumania; Hudson Park, Lakes of New York and the Erie Canal, Niagara Falls, New England States, Cats, Ireland, Knights of the Round Table; Bond Street, Folk Songs, Central Africa, Picturesque New Zealand, New York Harbor, Education, Battle of Gettysburg, Spectrum analysis and the stars, Color photo, Optics of painting; Ottendorfer, Japan, Animal stories, John Milton; Tompkins Square, Alice in Wonderland, Lists of books in connection with public lectures, Panama; Muhlenberg, Modern Government, Julius Cæsar, Lafayette, Pilgrims; George Bruce, Wild animals, Country life; 67th Street, The baby, Circus books, Picture books, Birds, Animals; Riverside, Country homes, Playtime, Henry W.

Longfellow, Indians, Telephone engineering; WEBSTER, Japanese, Birds, Plants; YORKVILLE, Sea yarns; 96TH STREET, Abraham Lincoln, Cotton, Puritans in England, New York in Colonial times, Oliver Cromwell, Paradise Lost and its author, Holy Grail, House of Commons, New Amsterdam; BLOOMINGDALE, Dante, Minerals, School stories, Lists for grade work in public schools; AGUILAR, Japan, Mexico, West Indies, Ireland, European travel, Travel in the North West; 125TH STREET, Indoor games, Mexico, Good books, Country homes; MOTT HAVEN, New Amsterdam, Pilgrims, Children of Holland; TREMONT, Evolution of kindness, Impressment of American seamen, Jamestown celebration, the Pirate, Snakes, Solar system; PORT RICHMOND, The drama, Gardening; TOTTENVILLE, Staten Island birds.

In addition there were bulletins on Easter at twelve branches, on Thomas B. Aldrich at six branches, on new books at five, on Spring at four, on the opera at three, on St. Patrick's day at three, on music at three, and on the Chinese Empire at two branches.

At the LENOX Branch, a tenth exhibition of the work of American artists was opened on March 2d. This exhibit comprises a selection from recent accessions of work by contemporary artists, and serves to call attention to the extensive collection of the work of these various artists in the print room.

At the ASTOR Branch, the exhibition of Martin's "Oriental carpets" was continued, and Smith's "Venice of to-day" was replaced on March 9th by plates from Champier's "Les anciens almanachs illustré."

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO VIRGINIA.

PART III.

GENEALOGIES.

General.

Boogher (William Fletcher). Gleanings of Virginia history. An historical and genealogical collection, largely from original sources. Compiled and published by W. F. Boogher. *Washington*, 1903. viii, 442 p., 1 l. 8°.

[**Genealogical** notes and queries from the Louisville (Ky.) *Courier Journal*, 1896.] 1 p.l., 150 p. 8°.

Mounted clippings.

[**Genealogical** notes and queries, from the Richmond, Va., *Critic*, 1888–89.] 66 (11) p. 8°.

Mounted clippings.

Hayden (H. E.) Virginia genealogies. A genealogy of the Glassell family of Scotland and Virginia; also of the families of Ball, Brown, Bryan, Conway, Daniel, Ewell, Holladay, Lewis, Littlepage, Moncure, Peyton, Robinson, Scott, Taylor, Wallace, and others of Virginia and Maryland. *Wilkesbarre, Pa.:* [*E. B. Yordy, printer*], 1891. xviii, 759 p., 12 port. 4°.

Inscriptions from Tombstones in the counties of King and Queen, Westmoreland, Hanover, and Albemarle (Va.), with an account of Henry Turner and his family. (William and Mary College Quarterly. v. 9, p. 168.)

McIlhany (Hugh Milton). Some Virginia families, being genealogies of the Kinney, Stribling, Trout, McIlhany, Milton, Rogers, Tate, Snickers, Taylor, McCormick, and other families of Virginia. *Staunton*; *Va.: Stoneburner & Prufer*, 1903. 4 p.l., 274 p., 23 port. 8°.

Meade (William). Old churches, ministers and families of Virginia. *Philadelphia: J. B. Lippincott & Co.*, 1857. 2 v. port., pl. 8°.

—— —— *Philadelphia: Lippincott*, 1872. 2 v. port., pl. 8°.

—— —— *Philadelphia: Lippincott* 1878. 2 v. port., pl. 8°.

Toner (J. M.) Index to names of persons and churches in Bishop Meade's Old Churches, ministers and families of Virginia, revised by H. A. Morrison. *Washington: Southern History Association*, 1898. 63 p. 8°.

Personal notices from the Virginia Gazette in the year 1772. (In: William and Mary College Quarterly Histl. Magazine. Vol. 9, p. 239–240. 1901.)

Van Meter (Benjamin F.) Genealogies and sketches of some old families who have taken prominent part in the development of Virginia and Kentucky especially, and... other states... *Louisville: J. P. Morton & Co.*, 1901. v, 3–183 p., 1 pl., 19 port. 8°.

Watson (Annah Robinson). Some notable families of America [Taylor, Allerton, Willoughby, Brewster, Thompson, Madison, Lee, Strother, Warner, Reade, Lewis, Meriwether, Walker, Maury, Thornton, Hornsby]. *New York:* [*J. J. Little & Co.*] 1898. xiv, 110 p., 12 pl., 4 port. 8°.

Whitington (L.), *and* H. F. WATERS. Virginia gleanings in England. (Va. Mag. of Hist. and Biog., vol. 10, p. 405–414; v. 11, p 68–79, 144–155, 305–317, 358–369; v. 12, p. 83–92, 170–180, 297–310, 396–406; v. 13, p. 53–64, 191–205, 303–312, 402–409; vol. 14, p. 82–89. 1903–06.)

Worthington (M. B.) Virginia genealogy. List of the old parish registers and vestry books in the Library of the Theological Seminary, Fairfax County, Va. Manuscript. 1902. 3 l. 8°.

Individual families.

ADAMS. Genealogy of the Adams family of New Kent and Henrico Counties, Va. (In: William and Mary College Quarterly Hist. Mag., Vol. 5, p. 159–165. 1897.)

ALEXANDER family. (In: Wm. and Mary Coll. Quart. Hist. Mag., Vol. 8, p. 262–263; vol. 9, p. 54–55, 252–254; vol. 10, p. 63–66, 132–140, 178–185; vol. 11, p. 60–66, 115–121, 247–251. 1900–03.)

ALLERTON. Allertons of New England and Virginia. By Isaac J. Greenwood. [*Boston*, 1890.] 6 p., 1 l. 8°.

Repr. from New Eng. Hist. and Gen. Reg., vol. 44. 1890.

AMBLER. Ambler family. *Richmond*, 1889. 8 p. 8°.

Mounted clippings from the Richmond *Critic*, Jan. 20, 1889.

AMMONET. Jacob Ammonet, of Virginia, and a part of his descendants. By Clifton Wood Bransford. (In: Southern Hist. Ass'n, Pub'ns, vol. 3, p. 35–40. 1899.)

ARMISTEAD. Armistead family. (In: William and Mary College Quarterly Hist. Mag., vol. 6, p. 31–33, 97–102, 164–171, 226–234; vol. 7, p. 17–24, 181–186; vol. 14, p. 282–285. 1897–1906.)

BALL. The maternal ancestry and nearest of kin of Washington. [Ball family.] A monograph. *Washington*, 1885. 28 p., 8 p. 8°.

—— Ball of Virginia. (In: Hayden (H. E.) Virginia genealogies... *Wilkes-Barre, Pa.*, 1891. p. 45–144.)

Genealogies, cont'd.

BARKSDALE. Genealogy of part of the Barksdale family of America. By Sarah Donelson Hubert. *Atlanta, Ga.: Franklin Print. Co.*, 1895. 46 p. 8°.

With ms. notes and corrections by the author.

BECKLEY. *See* BICKLEY.

BERKELEY. Berkeley family. *Richmond*, 1890. 1 p.l., 6 p. 8°.

Clippings, mounted, from the Richmond *Critic*, vol. 3, p. 64, Dec. 6, 1890.

BERNARD. Bernard family. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 5, p. 62–64, 181–187. 1896–97.)

BEVERLEY. Major Robert Beverley and his descendants. By W. G. Stenard. (In: Va. Mag. of Hist. and Biog., vol. 2, p. 405–413; vol. 3, p. 47–52, 169–176, 261–271, 383–392. 1895–1896.)

BICKLEY. Bickley or Beckley family. By William Bledwyn Powell. (In: Wm. and Mary College Quarterly Hist. Mag., vol. 5, p. 28–30, 124–127. 1896.)

BLAND. Bland family of Virginia. *Richmond*, 1888. 1 p.l., 14 p. 8°.

Mounted clippings from the Richmond *Critic*, July 9, 1888. etc.

BOLLING. A memoir of a portion of the Bolling family in England and Virginia... By Robert Bolling. *Richmond, Va.: W. H. Wade & Co.*, 1868. ix, 68 p., 2 pl., 16 port. 8°. (Wynne's Hist. Documents from the Old Dominion, no. 4.)

BOOKER. The Booker family. (In: Va. Mag. of Hist. and Biog., vol. 7, p. 94–100, 208–209, 322–324, 429–432. 1899–1900.)

BOWIE. The Bowies and their kindred. A genealogical and biographical history. By Walter Worthington Bowie. *Washington: Cromwell Bros.*, 1899. xix, 21–523 p., 1 port. 8°.

BRANCH. The Branch family. *Richmond*, 1889. 1 p.l., 6 p. 8°.

Mounted clippings from the Richmond *Critic*, Nov. 2, 1889.

BRANNER. Outline of the genealogy of the first four generations of the Branner family in Virginia. By John Caspar Branner. [*New Market, Va.*, 1904.] Broadside. f°.

Repr.: Shenandoah Valley, Dec. 1, 1894.

BRENT. The Brent family. *Richmond*, 1889. 1 p.l., 13 p. 8°.

Mounted clippings from the Richmond *Critic*, March 17, 1889.

—— The Brent family. By W. B. Chilton. (In: Va. Mag. of Hist. and Biog., vol. 12, p. 439–445; vol. 13, p. 105–112, 219–222, 318–324, 435–441. 1905–06.)

BRODNAX. Brodnax family. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 14, p. 52–59, 135–138. 1905.)

BROOKE. The Brooke family of Virginia. By St. George Tucker Brooke. (In: Va. Mag. of Hist. and Biog., vol. 9, p. 314–318, 435–438; vol. 10, p. 87–90, 197–199, 301–304, 443–445; vol. 11, p. 93–95, 200–203, 445–447; vol. 12, p. 102–108, 216–219, 321–325; vol. 13, p. 100–104, 223–224, 445–447. 1901–06.)

BROUN. The Broun family and their kindred. By Thomas L. Broun. *Richmond*, 1905. 2 l. f°.

Rep. from "The Times-Dispatch, Richmond," Feb. 12, 1905.

BROWN. Brown, of Scotland and Maryland [also Virginia]. (In: Hayden (H. E.) Virginia genealogies... *Wilkes-Barre*, 1891. p. 145–200.)

BRUCE. Bruce family. (In: Va. Mag. of Hist. and Biog., vol. 11, p. 197–200, 328–332, 441–442; vol. 12, p. 93–96, 446–453. 1903–05.)

BUCKNER. The Buckner family. *Richmond*, 1890. 1 p.l., 12 p. 8°.

Mounted clippings from the Richmond *Critic*, June–July, 1890.

—— Reminiscences of the Buckner family. By Mrs. Priscilla Aylette Reardon. Compiled, enlarged and edited by Katherine Edmondson Tuley. n. p. [1901.] 44 p. 12°.

BUFORD. A genealogy of the Buford family in America. With records of a number of allied families. By Marcus Bainbridge Buford. *San Francisco*, 1903. 409 p., 1 pl., 28 port. 8°.

BUSH. The Bush family. (In: Quisenberry (A. C.) Genealogical memoranda of the Quisenberry family...1897, p. 77–95.)

BYRD. The Byrd family of Virginia. *Richmond*, 1888. 1 p.l., 8 p. 8°.

Mounted clippings from the Richmond *Critic*, Dec. 16, 1888, etc.

—— Byrd, of Westover, Virginia. Copy of entries in the old family Bible in the possession of Miss Mary Armistead Byrd of Winchester, Va., with letters, data, etc. *n. p.*, n. d. 16 l. 4°.

—— The Westover estate. *New York*, 1871. 801–810 p. 8°.

Ext. from Harper's New Monthly Magazine, Vol. 42, May, 1871.

CABELL. The Cabells and their kin. A memorial volume of history, biography, and genealogy. By Alexander Brown. *Cambridge, Mass.: the Riverside Press, Houghton, Mifflin & Co.*, 1895. xvii, 641 p., 4 pl., 33 port. 8°.

CALTHORPE. The Calthorpes. By Lyon G. Tyler. (In: Wm. and Mary College Quarterly Hist. Papers, Vol. 2, p. 106–112, 160–168. 1893–1894.)

CAMM. Descendants of John Camm, president of William and Mary College. By Lyon Gardiner Tyler. (In: Wm. and Mary Coll. Quarterly Hist. Mag., Vol. 4, p. 61–62, 275–278. 1895–1896.)

CARR. The Carr family records. Embracing the record of the first families who settled in America and their descendants, with many branches who came to this country at a later date. By Edson I. Carr. *Rockton, Ill.: Herald Print House*, 1894. 540 p., 1 pl. 8°.

—— The Carr family. By G. C. Brodhead. (In: Va. Mag. of Hist. and Biog., Vol. 3, p. 208–217. 1895.)

CARTER. The Carter family tree. By R. R. Carter. [*Richmond, Va.: printed by G. M. West Co.*,] cop. by Mrs. M. C. Oliver, 1897. 40 x 40 in. f°.

—— The Carter family of Virginia. *Richmond*, 1888. 1 p.l., 21 p. 8°.

Repr. from the Richmond *Critic*, June 18–July 2, 1888.

—— The Carters of Virginia. (In: Glenn (T. A.) Some colonial mansions, Vol. 1, p. 217–294. 1898.)

Genealogies, cont'd.

CARY. The Cary family of Virginia. *Richmond*, 1890. 1 p.l., 12 p. 8°.

Mounted clippings from the Richmond *Critic*, Apr. 26, 1890, etc.

—— Wilson Cary of Ceelys, and his family. By Wilson Miles Cary. (In: Va. Mag. of Hist. and Biog., Vol. 9, p. 104–111. 1901.)

CHAPPELL. A genealogical history of the Chappell, Dickie, and other kindred families of Virginia. 1635–1900. By Philip E. Chappell. *Kansas City, Mo.: Hudson-Kimberly Pub. Co.*, 1900. 1 p.l., 382 p., 1 map, 5 pl., 13 port. 8°.

—— The Chappell family. By Philip E. Chappell. (In: Va. Mag. of Hist. and Biog., Vol. 3, p. 416–420. 1896.)

CHENOWETH. Genealogy and chart of the Chenoweth and Cromwell families of Maryland and Virginia. By Alex. Crawford Chenoweth. [*New York: the Redfield Press*,] 1894. 1 p.l., 35 p., 4 charts. 8°.

CHEW. Chew, of Virginia. (In: Thomas (L. B.) The Thomas book... *New York*, 1896. p. 276–284.)

CHRISTIAN. Christian family. (In: Wm. and Mary College Quarterly Hist. Mag., Vol. 5, p. 261–263; vol. 8, p. 70–74, 122–128, 265–271; vol. 9, p. 47–52, 243–245. 1897–1901.)

CHURCHILL. Churchill family. (In: Wm. and Mary Coll. Quart. Hist. Mag., Vol. 7, p. 186–188; vol. 8, p. 47–50, 200–202; vol. 9, p. 40–41, 246–249; vol. 10, p. 39–44. 1899–1901.)

CLAIBORNE. Claiborne pedigree, a genealogical table of the descendants of secretary William Claiborne, of the junior branch in the United States... By G. M. Claiborne. *Lynchburg, Va.: J. P. Bell Co.*, 1900. 51 p., 1 port. 8°.

COCKE. Cocke, Gray, Bowie, Robb, &c. By Miss Fanny B. Hunter. (In: Va. Mag. of Hist. and Biog., Vol. 10, p. 100–101, 202, 306–307. 1902–03.)

—— The Cocke family of Virginia... (In: Va. Mag. of Hist. and Biog., Vol. 5, p. 181–198. 1897.)

—— The Cocke family of Virginia (Henrico). (In: Va. Mag. of Hist. and Biog., Vol. 5, p. 71–89. 1897.)

—— Genealogy of the Cocke family in Virginia. By James C. Southall. (In: Va. Mag. of Hist. and Biog., Vol. 3, p. 282–292, 405–414; vol. 4, p. 86–96, 212–217, 322–332, 431–450. 1896–1897.)

COCKRILL. Cockrill genealogy. By Granville Goodloe. (In: American Hist. Mag., Vol. 3, p. 331–345. *Nashville*, 1898.)

COGHILL. The family of Coghill. 1377 to 1879. With some sketches of their maternal ancestors, the Slingsbys, of Scriven Hall. 1135 to 1879. By James Henry Coghill. *Cambridge* [*Mass.*], 1879. lx, 2 l., 36, 36a–36p, 37–193 p., 1 l., 6 pl., 8 port. 8°.

COLSTON. The Colston family of Virginia. *Richmond*, 1888. 1 p.l., 5 p. 8°.

Mounted clippings from the Richmond *Critic*, Nov. 12, 1888.

CONWAY. Conway, of Lancaster County, Virginia. (In: Hayden (H. E.) Virginia genealogies ... *Wilkes-Barre, Pa.*, 1891. p. 221–290.)

COOKE. Descendants of Mordecai Cooke, of "Mordecai's Mount," Gloucester County, Virginia. 1650. By William Carter Stubbs. *New Orleans: L. Graham & Son*, 1896. 48 p. 8°.

CORBIN. Corbin family of Virginia. *Richmond*, 1888. 1 p.l., 15 p. 8°.

Mounted clippings from the Richmond *Critic*, Nov. 19, 1888, etc.

CROMWELL. *See* CHENOWETH.

DABNEY. Sketch of the Dabneys of Virginia, with some of their family records...By William Henry Dabney. *Chicago: S. D. Childs & Co.*, 1888. 197 p., 4 l., 1 port. 4°.

DAINGERFIELD. Daingerfield family. (In: Wm. and Mary Coll. Quart. Hist. Mag., Vol. 8, p. 96–100; vol. 9, p. 188–189. 1899–1901.)

DANDRIDGE. The Dandridges of Virginia. By Wilson Miles Cary. (In: Wm. and Mary College Quart. Hist. Mag., Vol. 5, p. 30–41, 81–82; vol. 6, p. 250–251; vol. 12, p. 126–129. 1896–1903.)

DIGGES. Pedigree of a representative Virginia planter. By Lyon Gardiner Tyler. (In: Wm. and Mary Coll. Quarterly Hist. Mag., Vol. 1, p. 80–88, 140–154, 208–213. 1892.)

DOUGLASS. The family of Douglass or Douglass of Garrallan in Virginia...By John S. Wise. *New York: W. H. Abbott, draughtsman* [1894]. family tree 7⅝ x 8 in. 4°.

Photographic copy.

DYER. The Dyer family. Descendants of Samuel Dyer, of Albemarle County, Virginia, from the records of Thomas B. Dyer, of St. Louis, Mo. By Theodore H. Price. Arranged by Charlotte P. Price. *New York: T. A. Wright*, 1906. Genealogical chart, 28½ x 40½ in.

EARLY. A history of the family of Early in America, being the ancestors and descendants of Jeremiah Early, who came from the county of Donegal, Ireland, and settled in what is now Madison County, Virginia, early in the eighteenth century. By Samuel Stockwell Early. Arranged for publication by Robert Stockwell Hatcher. *Albany, N. Y.: J. Munsell's Sons*, 1896. 53 p. 8°.

EDWARDS. Historic sketches of the Edwards and Todd families and their descendants, 1523–1895. By George Hortense Edwards. *Springfield, Ill.: H. W. Rokker*, 1894. 38 p. 8°.

ESKRIDGE. Eskridge, of Virginia. (In: Va. Mag. of Hist. and Biog., vol. 7, p. 434–436; vol. 8, p. 89–91, 211–213, 318–320; vol. 9, p. 201–203; vol. 10, p. 95–96. 1900–02.)

EVELYN. The Evelyns in America: compiled from family papers and other sources, 1608–1805. By G. D. Scull. *Oxford* [*Eng.*]: *Parker and Co.*, 1881. viii, 2 l., 392 p., 2 pl., 9 port., 2 plans. 8°.

EVERARD. Sir Richard Everard, baronet, governor of the colony of North Carolina, 1725–1731, and his descendants in Virginia. By Marshall De Lancey Haywood. [*Washington*, 1898.] 12 p. 8°.

Repr. from Pub'ns of Southern Hist. Ass'n, Vol. 2.

EWELL. Ewell of Virginia. (In: Hayden (H. E.) Virginia genealogies... *Wilkes-Barre*, 1891. p. 331–354.)

FAIRFAX. The Fairfaxes of England and America in the seventeenth and eighteenth centuries, including letters from and to Hon. William Fair-

Genealogies, cont'd.

fax, president of council of Virginia, and his sons, Col. George William Fairfax and Rev. Bryan eighth Lord Fairfax, the neighbors and friends of George Washington. By Edward D. Neill. *Albany, N. Y.: J. Munsell*, 1868. 234 p., 2 charts. 8°.

FARRAR. The Farrar family. (In: Va. Mag. of Hist. and Biog., vol. 7, p. 319–322, 432–434; vol. 8, p. 97–98, 206–209, 424–427; vol. 9, p. 203–205, 322–324; vol. 10, 86–87, 206–207, 308–310. 1900–03.)

FIELDING. Fielding and Davis notes...By Dr. J. L. Miller. (In: Va. Mag. of Hist. and Biog., vol. 11, p. 453–456; vol. 12, p. 99–102, 214–215, 325–328, 454. 1903–05.)

FITTS. Genealogy of the Fitts or Fitz family in America. By James Harris Fitts. *Albany, N. Y.: Fort Orange Press, Brandow Print. Co.*, 1897. 170 p. 52 port. 4°.

FITZHUGH. The Fitzhugh family. (In: Va. Mag. of Hist. and Biog., vol. 7, p. 196–199, 317–322, 425–427; vol. 8, p. 91–95, 209–211, 314–317, 430–432; vol. 9, p. 99–104. 1899–1901.)

FLOURNOY. The Flournoy family. By Flournoy Rivers. (In: Va. Mag. of Hist. and Biog., vol. 2, p. 81–90, 190–213, 318–327, 437–447; vol. 3, p. 67–79, 414–416. 1894–5.)

FOWLER. Annals of the Fowler family, with branches in Virginia, North Carolina, South Carolina, Tennessee, Kentucky, Alabama, Mississippi, California and Texas. By Mrs. Glenn Dora Fowler Arthur. *Austin, Texas: the Author*, 1901. 2 p.l., xvi, 327 p., 1 fac., 12 pl., 8 port. 8°.

FRY. Memoir of Col. Joshua Fry, sometime professor in William and Mary College, Virginia... with an autobiography of his son, Rev. Henry Fry, and a census of their descendants. By Philip Slaughter. *n. p.* [1880.] 112 p., 1 l. 8°.

GARR. Genealogy of the descendants of John Gar, or more particularly of his son, Andreas Gaar, who emigrated from Bavaria to America in 1732... By John Wesley and John Calhoun Garr. *Cincinnati, O.: the Author*, 1894. xiv, 1 l., 608 p., 1 pl. 8°.

GARRARD. Gov. Garrard of Kentucky, his descendants and relatives. By Anna Russell Des Cognets. *Lexington, Ky.: J. M. Byrnes*, 1898. 4 p.l., 134 p., 2 pl., 39 port. 8°.

GIBBENS. Gibbens-Butcher genealogy. Embracing also Barnett, Brown, Buckner...and other pioneer families of Virginia who migrated west of the Alleghanies...By Alvaro Franklin Gibbens. *Parkersburg: G. B. Gibbens*, 1894. 1 p.l., 296 p., 2 l., 2 pl., 16 port. 8°.

GLASSELL. Glassell, of Scotland and Virginia. (In: Hayden (H. E.) Virginia genealogies:... *Wilkes-Barre*, 1891. p. 1–44.)

GOOCH. Gooch family. (In: Wm. and Mary Coll. Quart., Hist. Mag., vol. 5, p. 110–112. 1896.)

GOODE. Virginia cousins. A study of the ancestry and posterity of John Goode of Whitby, a Virginia colonist of the seventeenth century, with notes upon related families, a key to southern genealogy and a history of the English surname Gode, Goad, Goode or Good from 1148 to 1887. With a preface by R. A. Brock...By G. Brown Goode. *Richmond, Va.: J. W. Randolph & English*, 1887. xxxvi, 526 p., 2 pl., 1 map, 4 plans, 43 port., ill., 2 charts. 4°.

GOODWIN. The Goodwin families in America. By John S. Goodwin. *Richmond, Va.: Whittet & Shepperson* [1897]. iv, 200 p., 1 table. 8°.

Supplement to William and Mary College Quarterly Hist. Mag., Vol. 6, no. 2. Oct. 1897.

GOOKIN. The Gookin family. By J. Wingate Thornton. (In: New England Hist. and Gen. Reg., vol. 1, p. 345–352; vol. 2, p. 167–174. 1847–1848.)

GREEN. Descendants of Robert Green and allied families in the state of Virginia. By Holdridge Ozro Collins. (In: Va. Mag. of Hist. and Biog., v. 8, p. 77–80, 213–216, 317–318, 421–424. 1900–1901.)

GRIGSBY. Genealogy of the Grigsby family in part, including a brief sketch of the Porter family. [Originally] published ... December, 1878. By William H. Grigsby. *Chicago: republished by R. H. McCormick*, 1905. 8 p. 8°.

GRYMMES. The Grymes family. *Richmond*, 1889. 1 p.l., 10 p. 8°.

Mounted clippings from the Richmond *Critic*, Aug. 18, 1889, etc.

GUTHRIE. Records of the Guthrie family, of Pennsylvania, Connecticut, and Virginia, with ancestry of those who have intermarried with the family. By Harriet N. and Eveline Guthrie Dunn. *Chicago, Ill.: The Author*, 1898. 3 p.l., 170 p., 18 pl., 23 port. 8°.

HARRISON. The ancestry of Benjamin Harrison, president of the United States of America, 1889–1893, in chart form, showing also the descendants of William Henry Harrison, president of the United States...in 1841, and notes of families related. By Charles P. Keith. *Philadelphia:* [*J. B. Lippincott & Co.*,] 1893. 90, vii, 91–96 p., 1 chart. 4°.

—— The Harrisons of Virginia. (In: Egle (W. H.) Notes and Queries, 3. series, vol. 3, p. 179–182. 1896.)

—— The Harrison family of Virginia. *Richmond*, 1888–89. 1 p.l., 31 p. 8°.

Mounted clippings from the Richmond *Critic*, Dec. 28, 1888, etc.

HENDERSON. Ancestry and descendants of Lieut. John Henderson, of Greenbrier county, Virginia, 1650–1900. By Joseph Lyon Miller. *Richmond, Va.: Whittet & Shepperson*, 1902. 37 p., 1 port. 8°.

HEATWOLE. A history of the Heatwole family from the landing of the ancestor of the race up to present time. By David A. Heatwole. *Dale Enterprise, Va.: The Watchful Pilgrim,*" 1882. 24 p. 24°.

HENDERSON. The Henderson family. *Richmond*, 1889. 1 p.l., 6 p. 8°.

Mounted clippings from the Richmond *Critic*, June 9, 1889, etc.

HERNDON. A genealogy of the Herndon family. By John W. Herndon. (In: Va. Mag. of Hist. and Biog., vol. 9, p. 318–322, 439–441; vol. 10, p. 90–92, 200–201, 304–306, 441–443; vol. 11, p. 98–101, 203–205, 332–335, 448–451; vol. 12, p. 109–111, 212–214. 1901–04.)

Genealogies, cont'd.

HORD. Genealogy of the Hord family. By Rev. Arnold Harris Hord. *Philadelphia: J. B. Lippincott Co.*, 1898. 199 p., 7 pl., 22 port. 8°.

—— Thomas Hord, gentleman. Born in England, 1701, died in Virginia, 1766. A supplement to the genealogy of the Hord family. By Rev. Arnold Harris Hord. [*Philadelphia: J. B. Lippincott & Co.*,] 1903. 30 p., 1 fac., 1 pl., 2 port. 8°.

HOUSTON. Brief biographical accounts of many members of the Houston family... By Rev. Samuel Rutherford Houston. *Cincinnati: Elm Street Prtg. Co.*, 1882. 420 p. 12°.

HUBARD. Hubard family. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 4, p. 135, 203–205; vol. 5, p. 106–109, 211–212. 1895–97.)

HUME. History of the Hume family...By John Robert Hume. *St. Louis, Mo.: Hume Genealogical Ass'n*, 1903. 1 p.l., ii, 287 p., 4 l., 16 pl. 8°.

HUMPHREYS. The Humphreys family in America. By Frederick Humphreys, M.D., assisted by Otis M. Humphreys, M.D., Henry R. Stiles, M.D., Mrs. Sarah M. Churchill. *New York: Humphreys Print*, 1883. 8 p.l., 1115 p., 4 pl., 9 fac., 20 port., 2 charts. 4°.

IRVINE. The Irvines and their kin. A history of the Irvine family and their descendants. By Mrs. L. Boyd. *Louisville, Ky.: the Author*, 1898. 115 p., 6 pl. 4°.

JAMESON. The Jameson family. By James M. Bourne. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 3, p. 199–201; vol. 5, p. 90–94; vol. 8, p. 251–255. 1895–1900.)

JOLIFFE. Historical, genealogical, and biographical account of the Joliffe family of Virginia, 1652 to 1893. Also sketches of the Neill's, Janney's Hollingsworth's and other cognate families. [By William Joliffe.] *Philadelphia: J. B. Lippincott Co.*, 1893. 245 p., 12 pl., 5 port. 8°.

JONES. A genealogical history. By Cadwallader Jones. *Columbia, S. C.: Ye Bryan Print Co.*, 1900. vii, 73 p., 1 l., 8 pl., 10 port. 12°.

—— Captain Roger Jones, of London and Virginia. Some of his antecedents and descendants, with appreciative notice of other families, viz.: Bathurst, Belfield, Browning, Carter, Catesby, Cocke, Graham, Fauntleroy, Hickman, Hoskins, Latane, Lewis, Meriwether, Skelton, Walker, Waring, Woodford and others. By Lewis Hampton Jones. *Albany, N. Y.: J. Munsell's Sons*, 1891. 295 p., 2 pl., 21 port. 8°.

KEMPER. Genealogy of the Kemper family in the United States. Descendants of John Kemper of Virginia. With a short historical sketch of his family and of the German Reformed colony of Germanna and Germantown, Va. By Willis Miller Kemper and Harry Linn Wright. *Chicago: G. K. Hazlitt & Co.*. 1899. 248, xix p. 4°.

KENNON. The Kennon family of Virginia. *Richmond*, 1888. 8 p. 8°.

Mounted clippings from the Richmond *Critic*, Oct. 29, 1888, etc.

LADD. The Ladd family. A genealogical and biographical memoir of the descendants of Daniel Ladd, of Haverhill, Mass., Joseph Ladd, of Portsmouth, R. I., John Ladd, of Burlington, N. J., John Ladd, of Charles City Co., Va. By Warren Ladd. *New Bedford, Mass.: E. Anthony & Sons*, 1890. 1 p.l., xii, 413 p., 1 port. 8°.

LANGHORNE. The Langhorne family. By Harry Brent Mackay. *New York*, 1900. 1 p.l., 11 l. 4°.

Typewritten.

LEE. Genealogical history of the Lee family of Virginia and Maryland, from A. D. 1300 to A. D. 1866...By Edward C. Mead. *New York: Richardson and Co.*, 1868. vii (1) 9–15, 21–214 p., 3 pl., 6 port. 8°.

—— Descendants of Col. Richard Lee, of Virginia. (In: New Eng. Hist. and Gen. Reg., vol. 26, p. 61–69. 1872.)

—— A record of the descendants of Col. Richard Lee, of Virginia, prepared as an aid to farther investigations. By Cassius F. Lee, jr., and J. Packard, jr. *Boston: D. Clapp & Son*, 1872. 11 p. 8°.

—— Lee of Virginia. By J. Henry Lea. [*Boston*, 1892.] 23 p. 8°.

Repr. from "New Eng. Hist. and Gen Reg.," Jan., 1892.

—— Lee of Virginia, 1642–1892. Biographical and genealogical sketches of the descendants of Colonel Richard Lee, with brief notices of the related families of Allerton, Armistead...and others. *Philadelphia*, 1895. 586 p., 1 l., 4 pl., 31 port., 1 map, 2 fac. 4°.

—— The Lees of England and Virginia. *Richmond*, 1888. 20 p. 8°.

Mounted clippings from the Richmond *Critic*, July 30, 1888, etc.

LEFTWICH. Genealogical chart showing descents of Alexander T. Leftwich and Rosalie Vivian Lightfoot. *Saugerties, N. Y.: engrossed and painted by W. H. Abbott* [1903]. 4°.

Photograph from the original, which measures 5 x 3 ft.

LESTER. Bryant Lester of Lunenburg County, Virginia, and his descendants. By Thomas McAdory Owen. *Baltimore, Md.: the Friedenwald Co.*, 1897. 13 p. 8°.

Repr. from Southern Hist. Ass'n Pub'ns, April, 1897.

LEWIS. Genealogy of the Lewis family in America, from the middle of the seventeenth century down to the present time. By William Terrell Lewis. *Louisville, Ky.: the Courier-Journal Job Print. Co.*, 1893. 2 p.l., 454 p. 8°.

—— Genealogies of the Lewis and kindred families. By John Meriwether McAllister and Lura Boulton Tandy. *Columbia, Mo.: E. W. Stephens Pub. Co.*, 1906. 416 p., 2 pl., 1 port. 8°.

LIGHTFOOT. The Lightfoot family. By W. G. Stanard. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 2, p. 91–97, 204–207, 259–262; vol. 3, p. 104–111, 137. 1893–04.)

LINDSAY. Lindsay Family Association of America. [Constitution, 1904. *Boston*, 1904.] 12°.

—— —— Annual report, 1.–2. [*Boston*, 1904–05.] 8°.

—— Lindsays in Virginia. By Armistead C. Gordon. (In: Va. Mag. of Hist. and Biog., vol. 10, p. 96–97, 203, 310–311; vol. 11, p. 101–102. 1902–03.)

—— The Lindsays of America. A genealogical narrative and family record, beginning with the family of the earliest settler in the mother state, Virginia, and including in an appendix all the

Genealogies, cont'd.

Lindsays of America. By Margaret Isabella Lindsay. *Albany: J. Munsell's Sons*, 1889. xv, (1) 275 (7) p., 4 pl., 5 charts. 8°.

LITTLEPAGE. Littlepage, of Virginia. (In: Hayden (H. E.) Virginia genealogies... Wilkes-Barre, Pa., 1891. p. 395–420.)

LUDWELL. Ludwell genealogy. By Cassius F. Lee, jr. (In: New Eng. Hist. and Gen. Reg., vol. 33, p. 220–222. 1879.)

—— —— Same, separate.

LUNDY. The Lundy family and their descendants of whatsoever surname, with a biographical sketch of Benjamin Lundy. By William Clinton Armstrong. *New Brunswick, N. J.: J. Heidingsfeld*, 1902. 485 p., 1 fac., 5 pl., 23 port. 8°.

MCCLANAHAN. The McClanahans. By H. M. White. [*Roanoke, Va.: the Stone Print. and Manuf. Co.*, 1894.] 43 p., 1 gen. table. 16°.

MCDONALD. Genealogy of the Macdonald family. Edition B. Comprising all names obtained up to February, 1876. [By Frank Virgil McDonald. *New Haven, Conn.: Tuttle, Morehouse & Taylor*, 1876.] 6 l., 123 p. 8°.

MCGAVOCK. The McGavock family. A genealogical history of James McGavock and his descendants from 1760 to 1903. By Robert Gray. *Richmond: W. E. Jones*, 1903. 175 p. 8°.

MACON. Macon family [register from] St. Peter's Parish Register, New Kent Co., Va. (In: Wm. and Mary College Quarterly, Hist. Mag., vol. 6, p. 33–36. 1897.)

MALLORY. The Mallory family. (In: Va. Mag. of Hist. and Biog., vol. 13, p. 216–219, 324–329, 441–445. 1904–06.)

MANN. Mann memorial. A record of the Mann family in America. Genealogy of the descendants of Richard Man of Scituate, Mass. Preceded by English family records, and an account of the Wrentham, Rehoboth, Boston, Lexington, Virginia, and other branches of the Manns who settled in this country. By George S. Mann. *Boston: D. Clapp & Son*, 1884. 251 p., 1 pl., 9 port. 8°.

MARKHAM. The Markham family of Virginia. By Mrs. Flournoy Rivers. (In: Va. Mag. of Hist. and Biog., vol. 5, p. 205–206, 334–336, 439–440; vol. 6, p. 80–82. 1897–1898.)

MARSHALL. The Marshall tradition. By Thomas M. Anderson. (In: Va. Mag. of Hist. and Biog., vol. 12, p. 328–331. 1905.)

MASON. Mason family and Gunston Hall, Virginia. [*Washington*, 1896.] 22 p. 8°.

Mounted clippings from the Washington *Evening Star*. 1896, etc.

—— Curious wills in Mason family. *Richmond*, 1888. 7 p. 8°.

Mounted clippings from the Richmond *Critic*, Oct. 22, 1838.

MATHEWS. Mathews family. (In: Wm. and Mary College Quarterly, Hist. Mag., vol. 6, p. 91–93. 1897.)

MINOR. Four successive John Minors. By Charles M. Blackford. (In: Va. Mag. of Hist. and Biog., vol. 10, p. 97–98, 204, 311–312, 436–440. 1902–1903.)

—— Some Minors in Virginia. By B. B. Minor. (In: Wm. and Mary Coll. Quart., Hist. Mag., v. 8, p. 247–251; vol. 9, pp. 55–60. 1900.)

—— Some other Minors in Virginia. By Benjamin Blake Minor. (In: Va. Mag. of Hist. and Biog., vol. 11, p. 207–209, 335–336, 443–444. 1903–04.)

—— Minor family. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 8, p. 196–200; vol. 9, p. 52–54, 179–182. 1900–01.)

MONCURE. Moncure, of Virginia. (In: Hayden (H. E.) Virginia Genealogies. *Wilkes-Barre*, 1891. p. 421–458.)

MONTAGUE. History and genealogy of the Montague family of America, descended from Richard Montague of Hadley, Mass., and Peter Montague of Lancaster Co., Va., with genealogical notes of other families by name of Montague. By George Wm. Montague. Revised and edited by William L. Montague. *Amherst, Mass.: J. E. Williams*, 1886. 785 p., 5 pl., 30 port., 2 charts. 8°.

—— History and genealogy of Peter Montague of Nansemond and Lancaster counties, Virginia, and his descendants, 1621–1894. By George William Montague. *Amherst, Mass.: J. W. Montague*, 1894. 1 p.l., 494 p., 1 chart, 4 pl., 39 port. 8°.

—— Montague family. *New York: Amer. College of Heraldry* [187 ?]. Photo-lithographed. 1 sheet. 8°.

MORTON. The ancestry of David Morton. By Daniel Morton. [*St. Joseph, Mo.*, 1901.] 1 gen. table. f°.

—— Morton data. By Daniel Morton. (In: Va. Mag. of Hist. and Biog., vol. 11, p. 205–207, 339–340, 451–453. 1903–04.)

—— Morton data. By Daniel Morton. [*St. Joseph, Mo.*, 1901.] 22 p. 16°.

MOSELEY. Moseley family of Lower Norfolk County. (In: Va. Mag. of Hist. and Biog., vol. 5, p. 327–334. 1898.)

NANCE. The Nance memorial. A history of the Nance family in general, but more particularly of Clement Nance, of Pittsylvania County, Virginia, and descendants, containing historical and biographical records with family lineage. By George W. Nance. *Bloomington, Ill.: J. E. Burke & Co.*, 1904. xvi, 354 p., 1 port. 8°.

NICHOLAS. The Nicholas family of Virginia. *Richmond*, 1890. 4 p. 8°.

Mounted clippings from the Richmond *Critic*, Aug. 30, 1890.

NOURSE. James Nourse and his descendants. By Maria Catharine Nourse Lyle. *Lexington, Ky.: Transylvania Print. Co.*, 1897. iv, 1 l., 163 p., 1 fac., 19 pl., 4 port. 4°.

PAGE. Genealogy of the Page family in Virginia. Also a condensed account of the Nelson, Walker, Pendleton and Randolph families, with references to the Byrd, Carter, Cary, Duke, Gilmer, Harrison, Rives, Thornton, Wellford, Washington, and other families in Virginia. By one of the family [Richard Channing Moore Page]. *New York: Jenkins & Thomas*, 1883 250 p. 4°.

—— —— Another copy. *New York: Pub. Print. Co.*, 1893. x, 275 p., 2 pl., 5 port. 2. ed. 8°.

Genealogies, cont'd.

—— A genealogy of the descendants of Colonel John Page, who settled in the Colony of Virginia, Anno 1650. (In: Glenn (T. A.) Some colonial mansions, vol. 1, p. 195–213. 1898.)

—— American family antiquity. Genealogy of the Page family in England and America. By Albert Wells. *New York*, 188–. 125–170 p., 1 pl., 2 port. 8°.

PEACHEY. Peachey family. (In : Wm. and Mary College Quarterly, Hist. Mag., vol. 3, p. 111–115. 1894.)

PEYTON. Peyton, of "Iselham," Cambridgeshire, England, Gloucester and Westmoreland Counties, Virginia. (In: Hayden (H. E.) Virginia genealogies. *Wilkes-Barre*, 1891. p. 459–566.)

POCAHONTAS. Pocahontas, alias Matoaka, and her descendants through her marriage at Jamestown, Virginia, in April, 1614, with John Rolfe, gentleman; including the names of Alfriend, Archer, Bentley... and others, with biographical sketches by Wyndham Robertson, and historical... notes, by R. A. Brock. *Richmond, Va.: J. W. Randolph & English*, 1887. vii (1) 84 p., 1 port. 8°.

PRESTON. The Preston genealogy. Tracing the history of the family from about 1040, A. D., in Great Britain, in the New England States, and in Virginia, to the present time. Edited by L. A. Wilson. By William Bowker Preston. *Salt Lake City, Utah: Deseret News*, 1900. 1 p.l., viii, 1 l., 368 p., 4 gen. tables. 8°.

—— Memoranda of the Preston family. By Orlando Brown. *Albany: J. Munsell*, 1864. 26 p. [3. ed.] 8°.

PRICE. The Price family of "Cool Water," Hanover County, Va. Maternal ancestry and descendants in two lines to the year 1906. By Theodore H. and Charlotte P. Price. *New York: T. A. Wright*, 1906. Genealogical chart, 28 x 40 in.

QUISENBERRY. Genealogical memoranda of the Quisenberry family and other families, including the names of Chenault, Cameron, Mullins, Burris, Tandy, Bush, Broomhall, Finkle, Rigg, and others. By Anderson Chenault Quisenberry. *Washington, D. C.: Hartman & Cadick*, 1897. 204 p., 2 pl., 1 port. 8°.

—— Memorials of the Quisenberry family in Germany, England and America... By Anderson C[henault] Quisenberry. *Washington, D. C.: Gibson Bros.*, 1900. 137 p., 5 pl., 1 port. 8°.

RANDOLPH. The Randolph family of Virginia ... *Richmond*, 1888. 1 p.l., 40 p. 8°.

Mounted clippings from the Richmond *Critic*, Sept. 3, 1888, etc.

—— The Randolph family. By W. G. Stanard. (In: Wm. and Mary Coll. Quart. Hist. Mag., vol. 7, p. 122–124, 195–197; vol. 8, p. 119–122, 263–265; vol. 9, p. 182–183, 250–252. 1898–1901.)

—— The Randolphs. (In: Glenn (T. A.) Some colonial mansions. vol. 1, p. 433–459. 1898.)

RENICK. The Renick family of Virginia. By E. I. Renick. (In: Southern Hist. Ass'n. Pub'ns, vol. 3, p. 221–227. 1899.)

RICHARDSON. Richardson-De Priest family. By Robert Douglas Roller. [*Charleston, W. Va.: the Tribune Prtg. Co.*, 1905.] 50 p. 8°.

RO BARDS. The Ro Bards family. By John Lewis Ro Bards. (In: Va. Mag. of Hist. and Biog., vol. 7, p. 312–313; vol, 8, p. 418–420; vol. 9, p. 195–198; vol. 10, p. 98–99, 205–206, 307–308; vol. 11, p. 96–98. 1900–03.)

ROBERTSON. The family of Gen. James Robertson. By Lavina R. [Hill] Brown. (In: Amer. Hist. Mag., vol. 1, p. 174–188, 271–279, 375–389; vol. 2, p. 45–59. *Nashville, Tenn.*, 1896–1897.)

—— Maj. Charles Robertson, and some of his descendants. By Mrs. Charles F. Henley. (In: Amer. Hist. Mag., vol. 3, p. 21–32, 190–192. 1898.)

ROBINSON. Robinson, of York County, Virginia. (In: Hayden (H. E.) Virginia genealogies. *Wilkes-Barre*, 1891. p. 567–584.)

ROOTES. The Rootes family. By S. R. Rootes. (In: Va. Mag. of Hist. and Biog., Vol. 4, p. 204–211, 332–333. 1896–1897.)

RYEDALE. History of the Ancient Ryedales and their descendants in Normandy, Great Britain, Ireland, and America, from 860 to 1884. Comprising the genealogy...of the families of Riddell, Riddle, Ridlon, Ridley, etc. By G. T. Ridlon. *Manchester, N. H.: the author*, 1884. x, 786 p., 28 pl., 17 port. 8°.

ROBERTSON. Donald Robertson and his wife Rachel Rogers of King and Queen County, Virginia, their ancestry and posterity; also a brief account of the ancestry of Commodore Richard Taylor of Orange County, Virginia, and his naval history during the war of American Independence. By William Kyle Anderson. [*Detroit, Mich.: Winn and Hammond*, 1902.] 263, xxvi p., 5 pl., 13 port. 8°.

ROSE. A chart of the ancestors and descendants of Rev. Robert Rose, born at Wester Alves, Scotland, February 12, 1704, came to Virginia in 1725, died June 30, 1751. By William G. Stanard. *Richmond: W. E. Jones*, 1895. gen. chart. f°.

RUFFIN. The Ruffin family. *Richmond*, 1889. 1 p.l., 7 p. 8°.

Mounted clippings from the Richmond *Critic*, Oct. 19, 1889.

RUNKLE. The Runkle family: being an account of the Runkles in Europe, and their descendants in America. By Benjamin Van Doren Fisher. *New York: T. A. Wright*, 1899. 366 p., 3 pl. 8°.

SCOTT. Scott, of Dipple Parish, Moray, Scotland; and "Dipple," Stafford County, Virginia. (In: Hayden (H. E.) Virginia genealogies. *Wilkes-Barre*, 1891. p. 585–668.)

SELDEN. Selden family. (In: Wm. and Mary College Quarterly, Hist. Mag., Vol. 5, p. 60–62, 264–267; vol. 6, p. 234–238. 1896–1898.)

SHARPE. Sharpe genealogy and miscellany. By William Carvosso Sharpe. *Seymour, Conn.: Record Print*, 1880. 178 p., 1 pl., 4 port., 1 fac. 16°.

SHEILD. Sheild family. By Lyon Gardiner Tyler. (In: Wm. and Mary College Quarterly, Hist. Mag., Vol. 3, p. 268–271; vol. 4, p. 59; vol. 5, p. 22–24. 1895–1896.)

SMITH. The Smiths of Virginia. By W. G. Stanard. (In: Wm. and Mary Coll. Quarterly, Hist. Mag., Vol. 4, p. 46–52, 95–103, 183–187; vol. 5, p. 50–53. 1895–1896.)

Genealogies, cont'd.

—— Genealogy of the Smith family of Essex County, Virginia. By C. W. Coleman. (In: Wm. and Mary Coll. Quarterly, Hist. Mag., Vol. 6, p. 41–52. 1897.)

SPALDING. The Spalding memorial: a genealogical history of Edward Spalding of Virginia and Massachusetts Bay, and his descendants... By Charles Warren Spalding. *Chicago: Amer. Pub. Ass'n*, 1897. 2 p.l., ii, 1 l., vi, 15–1276 p., 10 pl., 15 port. rev. ed. 8°.

SPEED. Records and memorials of the Speed family. By Thomas Speed. *Louisville, Ky.: Courier-Journal*, 1892. 206 p., 3 pl., 13 port. 8°.

SPOTSWOOD. Genealogy of the Spotswood family in Scotland and Virginia. By Charles Campbell. *Albany: J. Munsell*, 1868. 44 p. 8°.

STARKE. The Starke family. (In: Wm. and Mary Coll. Quarterly, Hist. Mag., Vol. 270–272; vol. 5, p. 56–57. 1896.)

STEPHENS. The Stephens family with collateral branches... By Edward Stephens Clark. *San Francisco: J. Winterburn Co.*, 1892. v, (3) 185 p., 24 port. 8°. (The American Genealogical Record. Vol. 1.)

STEPHENSON. Genealogical and biographical records of William Stephenson and his descendants. By Mrs. Elizabeth Mitchell Stephenson Fite. *New York: the Author* [1905]. 32 ff., 1 folded chart. 8°.

STITH. The Stith family. *Richmond*, 1890. 1 p.l., 9 p. 8°.
Mounted clippings from the Richmond *Critic*, Sept. 27, 1890, etc.

STREET. The Street genealogy. By Mrs. Mary A. and Henry A. Street. *Exeter, N. H.: J. Templeton*, 1895. viii, 542 p., 1 l., 4 pl., 8 port. 8°.

STUART. The genealogy of Gen. J. E. B. Stuart and of his collateral relations on his mother's side—Pannill, Strother, Banks, Bruce, etc. By David H. Pannill. (In: Wm. and Mary Coll. Quarterly, Hist. Mag., Vol. 6, p. 113–116, 155–158. 1897–1898.

STROTHER. William Strother, of Virginia, and his descendants. By Thomas McAdory Owen. (In: Southern Hist. Ass'n. Pub'ns, Vol. 2, p. 149–173. 1898.)

SUBLETT. A partial history...of the French Huguenots by name Soblets: who emigrated to America in 1700 and settled at Monakin in Powhattan County, Virginia, 18 miles west of Richmond City. By Samuel S. Sublett. *Richmond: J. L. Hill Print. Co.*, 1896. 32 p. 8°.

SULLIVANT. A genealogy and family memorial ...By Joseph Sullivant. *Columbus, O.: Ohio State Journal Book and Job Rooms*, 1874. v. p., 9 fam. tab., 1 pl. 4°.

SWEARINGEN. Family historical register, compiled by a member of the family [*i.e.*, H. H. Swearingen]. *Washington: C. W. Brown*, 1884. vi, 117 p. 12°.

—— Same. *Washington: the Compiler*, 1894. 3 p.l., 80 p. 2. ed. 8°.

TABB. The Tabb family. (In: Wm. and Mary Coll. Quar., Hist. Mag., vol. 7, p. 45–49; vol. 13, p. 121–128, 168–175, 270–278. 1898–1905.)

TALIAFERRO. The Taliaferro family. *Richmond*, 1889. 1 p.l., 31 p. 8°.
Mounted clippings from the Richmond *Critic*, Nov. 16, 1889, etc.

TAYLOR. Taylor, of Orange County, Virginia. (In: Hayden (H. E.) Virginia genealogies... *Wilkes-Barre*, 1891. p. 669–684.)

THOMAS. The Thomas book, giving the genealogies of Sir Rhys ap Thomas, K. G., the Thomas family descended from him, and of some allied families. By Lawrence Buckley Thomas. *New York: H. T. Thomas Co.*, 1896. xxi, 627 p., 12 pl., 42 port. 8°.

THORNTON. The Thornton family. By W. G. Stanard. (In: Wm. and Mary Coll. Quar., Hist. Mag., vol. 4, p. 89–93, 157–164, 280–283; vol. 5, p. 58–60, 197–200; vol. 6, p. 53–57, 109–113, 238–244. 1895–1898.)

THROCKMORTON. The Throckmorton family. (In: Va. Maga. of Hist. and Biog., vol. 8, p. 83–89, 309–312; Vol. 9, p. 192–194. 1900–01.)

—— Throckmorton of England and Virginia. By W. G. Stanard. (In: Wm. and Mary Coll. Quar., Hist. Maga., vol. 2, p. 241–247; vol. 3, p. 46–52, 192–195, 240–242; vol. 4, p. 128–129; vol. 5, p. 54–55. 1894–96.)

THRUSTON. The Thruston family of Virginia. (In: Wm. and Mary Coll. Quar., Hist. Mag., vol. 4, p. 23–28, 116–118, 180–183; vol. 5, p. 44–47, 120–122; vol. 6, p. 13–18. 1895–1897.)

TODD. The Todd family. By W. G. Stanard. (In: Va. Maga. of Hist. and Biog., vol. 3, p. 79–83. 1895.)

TUCKER. The Tucker family. *Richmond*, 1889. 7 p. 8°.
Mounted clippings from the Richmond *Critic*, Sept. 14, 1889.

—— An Account of the Tucker family of Bermuda, from a history of the Emmet family. By Thomas Addis Emmet. *New York: Bradstreet Press*, 1898. 13 p., 3 pl., 9 port. 4°.

TYLER. Official report of...American Tyler family reunions.. By Willard I. Tyler Brigham. no. 2–5 (1897–1900). *Chicago*, 1898–1900. 8°.

VAWTER. The Vawter family in America; with allied families of Branham, Wise, Stribling, Crawford, Lewis, Glover, Moncrief. By Grace Vawter Bicknell. *Indianapolis: the Hollenbeck Press*, 1905. viii, 1 l., 442 p., 3 pl., 1 port. 8°.

WALKE. Walke family of Norfolk County, Virginia. (In: Va. Maga. of Hist. and Biog., vol. 5, p. 139–153. 1897.)

WALLACE. Wallace, of "Elderslie," Renfrewshire, Scotland, and "Ellerslie," of King George and Stafford Counties, Virginia. (In: Hayden (H. E.) Virginia genealogies. *Wilkes-Barre*, 1891. p. 685–735.)

WALLER. The Waller family. *Richmond*, 1900. 1 p.l., 10 p. 8°.
Mounted clippings from the Richmond *Critic*, Apr. 5, 1900, etc.

WALTON. Early records of some of the Waltons of Virginia. By Mrs. William C. Stubbs. (In: Gulf States Hist. Maga., vol. 2, p. 116–119. 1903.)

WARDEN. The ancestors, kin and descendants of John Warden and Narcissa (Davis) Warden, his wife. Together with records of some other branches

Genealogies, cont'd.

of Warden family in America. By William A. Warden. *Worcester, Mass.: the Author*, 1901. iv, 2 l., 248 p., 1 pl., 1 port. 8°.

WASHINGTON. Origin and genealogy of the Washington family. By Jared Sparks. (In: Washington's Writings, edited by Sparks. *Boston*, 1847. Vol. 1, p. 539–554.)

—— [Descendants of John Washington of Virginia.] (In: Heraldic Journal...vol. 2, p. 70–74. 1866.)

—— A preliminary investigation of the alleged ancestry of George Washington; first president of the United States of America; exposing a serious error in the existing pedigree. By Joseph Lemuel Chester. (In: Heraldic Journal...vol. 2, p. 146–163. 1866.)

—— —— —— *Boston: H. W. Dutton & Son*, 1866. 23 p. 8°.

Repr. from the Herald and Genealogist, London; and the Heraldic Journal, Boston.

—— Ancestry of George Washington. [*London*,] 1889. 3 p.l., 3 p. 8°.

Mounted clippings from the "Athenæum," no. 3234. Oct. 19, 1889.

—— The English home of the Washingtons. *New York*, 1879. 521–530 p. 8°.

Ext. from "Harper's New Monthly Magazine," March, 1879.

—— The pedigree and history of the Washington family: derived from Odin, the founder of Scandinavia, B. C. 70, involving a period of eighteen centuries, and including fifty-five generations, down to General George Washington... By Albert Welles. *New York: Society Library*, 1879. vi, 7–12, xxxvii(1) 370 p., 15 pl., 3 port. 8°.

—— [American family antiquity. Genealogy of the Washington family. James Washington, of Warton, Lancashire, Eng., and his descendants. By Albert Welles. *New York*, 1881?] 3 p. f°.

—— An Ancient document of the house of Washington. (Temp. circa A. D. 1200.) By Edward G. Porter. *Worcester: C. Hamilton*, 1883. 6 p., 1 facsim. 8°.

Read at the meeting of the Amer. Antiq. Soc., Oct. 21, 1882.

—— Origin of the stars and stripes. [Facsimiles of crests, shields and brasses of the Washington family.] Copyr't, 1883, by Root & Tinker from data furnished by E. W. Tuffley. [*New York*:] *Buek & Lindner*, 1883. Sheet lithog. in color. f°.

—— The ancestry of George Washington. By Augustus Jessopp. *London*, 1889. 3 p. 8°.

Mounted clipping from "The Athenæum," no. 3234, Oct. 19, 1889.

—— An examination of the English ancestry of George Washington, setting forth the evidence to connect him with the Washingtons of Sulgrave and Brington. By Henry F. Waters. *Boston: New Eng. Hist. and Gen. Soc.*, 1889. 53 p., 1 pl., 1 map, 1 chart. 8°.

Reprinted from the New Eng. Hist. & Gen. Reg., for Oct., 1889.

—— A genealogical history beginning with Colonel John Washington, the emigrant, and head of the Washington family in America. By Thornton Augustin Washington. *Washington, D. C.: McGill & Wallace*, 1891. 71 p., 1 gen. chart, 1 pl. 8°.

—— Wills of George Washington and his immediate ancestors. Edited by Worthington Chauncey Ford. *Brooklyn: Hist. Prtg. Club*, 1891. 210 p. 8°.

—— The ancestry and earlier life of George Washington...By Edward D. Neill. [*St. Paul, Minn.*, 1892.] 1 p.l., 255–292 p. 8°. (Macalester College Contributions: Dept. of History, Literature and Political Science, 2. ser., no. 11.)

Repr.: Maga. of Penn. Hist. Soc., Oct., 1892.

—— The Washington family. By W. C. Ford. *New York*, 1893. 115 p., 1 chart, 1 fac-sim. 8°.

Repr.: "Writings of Washington"; edited by W. C. Ford.

—— [Washington's pedigree. Clippings from "The London Times," "The Boston Transcript," etc., tracing George Washington's English ancestry back to 1618, to John and Lawrence Washington of Sulgrave, Northamptonshire, England.] 1893–94. 29 l. 8°.

—— The Irish Washingtons at home and abroad, together with some mention of the ancestry of the American pater patriæ. By George Washington of Dublin and Thomas Hamilton Murray. *Boston: the Carrollton Press*, 1898. 43 p., 6 port. 8°.

—— The Washington pedigree. A review of the investigations by which it was established. By W. H. Whitmore. *New York*, 1899. 7 p. 8°.

Mounted clippings from the "Evening Post," Sept. 29, 1899.

—— Washington's genealogical table. By E. M. Dwight. (New York Genealogical and Biog. Record, Vol. 33, p. 200–208. 1902.)

—— Will of John Washington. (In: William and Mary Coll. Quar., Hist. Mag., vol. 13, p. 145–148. 1904.)

WEST. The West family of Virginia and Pennsylvania. *Richmond*, 1889. 17 p. 8°.

Mounted clippings from the Richmond *Critic*, Feb. 17, 1889, etc.

WHITE. Ancestry of the children of James William White, M.D. With accounts of the families of White, Newby, Rose, Cranmer, Stout, Smith, Stockton, Leeds, Fisher, Gardiner, Mathews, Elton, Revell, Stacye, Tonkin, McLorinan, Dowse, Jewett, Hunt, Reddinge, Isbell and Griswold. By William Francis Cregar. *Philadelphia: [Patterson & White,]* 1888. viii, 194 p., 6 pl., 2 charts. 8°.

WHITING. Memoir of Rev. Samuel Whiting, D.D., and of his wife Elizabeth St. John; with references to some of their English ancestors and American descendants. By William Whiting. *Boston: Rand, Avery & Co.*, 1873. 334 p., 1 pl., 2 charts. 2. ed. 8°.

WHITTLE. The Whittle family. *Richmond*, 1889. 4 p. 8°.

Mounted clippings from the Richmond *Critic*, Aug. 4, 1889.

WILLIS. A sketch of the Willis family of Virginia, and of their kindred in other states. With brief biographies of the Reades, Warners, Lewises, Byrds, Carters, Champes, Bassetts, Madisons, Daingerfields, Thorntons, Burrells, Taliaferros, Tayloes, Smiths, and Amblers. By Byrd Charles Willis and Richard Henry Willis. *Richmond, Va.: Whittet & Shepperson* [1900?]. 160 p., 1 pl. 12°.

WILLYS family. (In: Wm. and Mary Coll. Quarterly, Vol. 5, p. 24–27, 171–176; vol. 6, p. 27–29, 206–214. 1896–1898.)

Genealogies, cont'd.

WINFREE. Winfree of Virginia. By Mrs. William C. Stubbs. (In: Gulf States Hist. Mag., Vol. 2, p. 196–203. 1903.)

WINSTON. Genealogy: Isaac Winston and descendants. By Elizabeth Winston Campbell Hendrick. [*New York: Sackett & Wilhelms*, 1899.] 8 l. f°. Title from cover.

WOODS. The Woods-McAfee memorial, containing an account of John Woods and James McAfee of Ireland and their descendants in America... Also some hitherto unpublished documents which constitute a valuable contribution to the pioneer history of Virginia and Kentucky. By Neander M. Woods. *Louisville: Courier-Journal Job Print Co.*, 1905. xiii, 503 p., 1 chart, 7 maps, 1 port. illus. f°.

WOODSON. Woodson family. (In: Wm. and Mary Coll. Quart., Hist. Mag., Vol. 9, p. 254–256; vol. 10, p. 44–48, 185–191; vol. 11, p. 50–58. 1901–1902.)

WYATT or Wiatt families. (In: Wm. and Mary Coll. Quart., Hist. Mag., vol. 10, p. 59–61, 260–264. 1901–02.)

YATES. Memorials of a family in England and Virginia. A. D. 1771–1851. By A. E. Terrill. [Yates and Aglionby family.) [*London:*] *printed for private circulation*, 1887. viii, 383 p. 8°.

YEARDLEY. Sir George Yeardley or Yardley, Governor and Captain-General of Virginia, and Temperance, Lady Yeardley, and some of their descendants. By Thomas Teackle Upshur. (In: Amer. Hist. Mag., Vol. 1, p. 339–374. *Nashville, Tenn.*, 1896.)

—— —— Same. Separate.

YOUNG. Memorial and family tree of Michael Cadet Young of Brunswick County, Va., and of his descendants. 16— to 1895... By Nathaniel P. Young. Arranged by Capt. Calvin Duvall Cowles, U. S. A. *Washington, D. C.*, 1895. Broadside. f°.

LOCAL HISTORY.

Albemarle County.

Albemarle County (Virginia). A handbook giving a description of its topography... Edited by W. H. Seamon. *Charlottesville, Va.*, 1888. 110 p. 8°.

Bibb (A. P.) & Co. Piedmont, Virginia: with notice of Charlottesville, the central city of the old Dominion. [Resources of Albemarle County, Virginia.] *Charlottesville, Va.: Jefferson Book Office* [1893?]. 77 p. illus. 8°.

Woods (*Rev.* Edgar). Albemarle County in Virginia. Giving some account of what it was by nature, of what it was made by man, and of some of the men who made it. [*Charlottesville, Va.: Michie Co.*, 1901.] iv, 412 p. 8°.

Alexandria.

Alexandria. Charter of the town of Alexandria, with the revised code of laws of the Corporation of said town. *Alexandria: Rounsavell & Pittman*, 1821. 14, 119 p. 8°.

—— —— The charter and laws of the city of Alexandria, Va., and an historical sketch of its government... *Alexandria: Gazette Book & Job Office*, 1874. 112 p. 8°.

—— Annual statement for the fiscal year ending May 31, 1880/1–1899/1900. nos. 101–120. *Alexandria*, 1881–1900. 8°.

Early issues have the school report bound with the general statement, later ones include it in the text.

—— *Mayor.* Circular and accompanying papers [from Mayor K. Kemper]...to the bond holders and other creditors of the city. *Alexandria: Gazette Book and Job Office*, 1878. 25 p. 8°.

—— *Ordinances.* Laws of the mayor and commonalty of the town of Alexandria; to which are prefixed, Acts of the legislature of Virginia, respecting the town of Alexandria. *Alexandria: Printed by John and James D. Westcott, Printers to the Corporation* [1801?]. 37 p. f°.

—— —— Laws of the corporation of Alexandria as revised and passed, January 20, 1821. *Alexandria: Rounsavell & Pittman*, 1821. 119 p. 8°.

—— *Public Schools, Superintendent of.* Annual report. 1878/81, 1881/2, 1887/8–1899/1900. *Alexandria*, 1881–1900. 8°.

1878–1892/3 are bound with the "Annual Statement" of those years, later reports are included in the text of the Statement.

Celebration of the first centennial of the Municipal Government of the city of Alexandria, Virginia, March 9, 1880. *Alexandria, Va.: The Gazette Book and Job Office*, 1880. 49 p. 8°.

Chataigne's Alexandria City, [Va.,] directory ...1881/82. [*Washington*, cop. 1881.] 8°.

[**McKim** (Randolph H.)] Washington's church. An historical sketch of Old Christ Church, Alexandria, Virginia. Together with a brief description of the centenary services therein, November 20 and 21st, 1873. *Alexandria*, 1894. 32 p., 1 l. 8°.

Packard (Joseph). Recollections of the old Chapel. A discourse delivered at the consecration of the new Chapel of the Theological Seminary of the Diocese of Virginia [at Alexandria] on Thursday, June 23, 1881. *Philadelphia: Matlack & Harvey* [1881]. 24 p., 1 pl. 8°.

Richmond's directory of Alexandria, Va. 1897/8, 1899/1900, 1900, 1901. *Washington*, 1897–1901. 8°.

Slaughter (P.) Address on the centennial anniversary of Washington's inauguration, in Christ Church, Alexandria, 1789–1889. *Alexandria: R. Bell's Sons*, 1889. 16 p. 8°.

Alleghany County.

Meek (Fielding Bradford). Descriptions of new species of fossil plants from Alleghany Co., Virginia, with some remarks on the rock seen along the Chesapeake and Ohio railroad, near the White Sulphur Springs of Greenbrier county, West Virginia. 2 plates. (Bulletin of the Philosophical society of Washington. v. 2, apx. p. 26–44.) (Smithsonian Inst. Misc. coll., v. 20 (no. 423). *Washington*, 1875–1880.)

Amelia County,

Farrar (F. R.) Amelia County, Virginia. An outline of the soil, productions, minerals, etc. *Richmond: Everett Waddey, printer*, 1888. cover title, 16 p. 8°.

Local History, cont'd.

Arlington.

Decker (Karl), *and* ANGUS MCSWEEN. Historic Arlington; a history of the national cemetery from its establishment to the present time, with sketches of the historic personages who occupied the estate previous to its seizure by the national government—Parke Custis and his times—the career of Lee, with descriptions of life in Virginia during the early part of the century. *Washington, D. C.: Decker & McSween Pub. Co.* [cop., 1892.] 104 p. 8°.

Lossing (Benson J.) The historic buildings of America. The Arlington House. p. 81–88. 8°.
Ext. from Potter's American Monthly, Feb., 1876.

Osborne (John Ball). The story of Arlington. A history...of the estate and national cemetery, containing a complete list of officers of the army and navy interred there, with biographical sketches of heroes of the Civil and Spanish Wars, and notable memorial addresses and poems... *Washington, D. C.: [J. F. Sheiry,]* 1899. 106 (1) p., 1 map, 9 pl., 1 port. 8°.

United States.—*Statutes.* A bill authorizing the erection of a monument in memory of those buried at Arlington who lost their lives in the war with Spain. Introduced in the House by Mr. Fitzgerald, April 28, 1900. n. p., 1900. 1 l. 4°. (55. Cong., H. R. 11129.)

Augusta County.

Jones (Calvin). Description of Wier's cave, in Augusta county, Virginia. *Albany,* 1815. pl. 8°.

Peyton (J. Lewis). History of Augusta County, Virginia. *Staunton, Va.: S. M. Yost & Son,* 1882. vii, 387 (8) p. 8°.

Waddell (Joseph A[ddison]). Annals of Augusta County, Virginia. [*Richmond, Va.,* 1886?] 55 p. 4°.

—— Annals of Augusta County, Virginia, with reminiscences illustrative of the vicissitudes of its pioneer settlers; biographical sketches... a diary of the war, 1861–'5, and a chapter on reconstruction, with a supplement. *Richmond, Va.: J. W. Randolph & English,* 1888. vii, 460 p., 2 maps. 8°.

—— Annals of Augusta County, Virginia, from 1726 to 1871. *Staunton, Va.: C. R. Caldwell,* 1902. x, 545 p., 2 maps. 2. ed., rev. and enl. 4°.

Bedford City.

Colgate (G. L.) & Co. Bedford City, Va. A souvenir. *New York: South Pub. Co.* [cop. 1890.] 4 l. 16°.

Bedford, the richest in natural resources of the counties in Piedmont, Virginia... Homes to the grazier, dairyman... stock-raiser... and all others in search of cheap homes... with... advantage. Bedford City, the county town... a great educational centre... [*Bedford:*] *Bedford Index Print* [1893]. 48 p. 8°.

Bedford County.

Some early marriages in Bedford County, Va. (William and Mary College Quarterly, Vol. 11, p. 280–282. *Richmond, Va.,* 1903.)

Berkley.

Berkley. The charter and ordinances of the town of Berkley. Published by authority of the council, 1890. *Norfolk: Eagle Printing Co.,* 1890. 32 p. 8°.

Berryville.

Once old Battletown, but now the growing and progressive city of Berryville. [*Washington,* 1891.] 3 l. 8°.
Clipping from *Washington Post,* May 13, 1891.

Big Stone Gap.

Proctor (John R.) Big Stone Gap, Virginia. [With prospectus of Big Stone Gap Improvement Co. *New York: J. J. Little & Co.,* 1890.] 32 p., 2 l., 4 maps. 4°.
Title taken from cover.

Blacksburg.

Virginia Agricultural and Mechanical College, Blacksburg. Catalogue, 1872/3, 97/8. *Danville,* 1873–98. 8°.

—— Virginia Agricultural and Mechanical College. Its history and organization. n. p. [1872?] 36 p. 8°.

Brandon.

[**Harland** (Marion), *pseud. of* M. V. (H.) TERHUNE.] Some old Virginia homesteads. Brandon—Lower and Upper. n. p., 189–? 7–15 p. 8°.
Ext. from "The Home-Maker."

Brandon on the Lower James [the home of the Harrison family of Virginia]. (In: Glenn (T. A.) Some colonial mansions. vol. 1, p. 401–429. 1898.)

Historic homes in the Valley of the James, Virginia. Upper and Lower Brandon. [*Baltimore, Md.,* 189–.] 1 p.l., 8 p. 8°.
Mounted clipping from the "Baltimore Sun."

Bristol Parish.

Chamberlayne (Churchill Gibson). The vestry book and register of Bristol Parish, Virginia, 1720–1789. *Richmond, Va.: privately printed,* 1898. vii, 419 p. 4°.

Slaughter (Philip). A history of Bristol Parish, with a tribute to the memory of its oldest rector, and an appendix, containing the epitaphs of some of its early officers and friends. *Richmond, Va.: B. B. Minor,* 1846. 51 p., 1 pl. 8°.
Interleaved copy. Autograph letter from the author, and newspaper cuttings inserted.

—— A history of Bristol Parish, Va., with genealogies of families connected therewith, and historical illustrations. *Richmond: J. W. Randolph & English,* 1879. xx, 237 p. 2. ed. 8°.

Buena Vista.

Buena Vista Company. Facts worth knowing about Buena Vista.... *New York: the Giles Co.* [1890.] 24 p., 1 map. 12°.

Caroline County.

Caroline County.—*Board of Supervisors.* A hand-book of Caroline County, Virginia. *Bowling Green, Va.: Caroline Sentinel Print.,* 1888. 6 l., 1 map. 8°.

Cedar Mountain.

Cedar Mountain. [Addresses, poems, &c., at the dedication of the monument to the 28th New York Volunteers, Culpeper, Va., Aug. 8, 1902. Prepared by Gen. Horatio C. King. *n. t.-p.* 1892.] 32 p., 1 pl. ports. 8°.

Local History, cont'd.

Chancellorsville.

Beale (James). Chancellorsville. A paper read before the United Service Club, Philadelphia, Penna., on Wednesday, February 8, 1888. *Philadelphia: James Beale*, 1892. 2 p.l., 11 p., 1 l., 5 maps. 2. ed. ob. 12°.

Maps included in pagination.

Dodge (Theodore Ayrault). The Campaign of Chancellorsville. 2. edition. *Boston: Houghton, Mifflin & Co.* [c. 1881.] 8°.

Doubleday (A.) Chancellorsville and Gettysburg. *New York: Scribner's Sons*, 1882. 12°. (Campaigns of the Civil War. v. 6.)

—— Same. 2. ed. *New York.* 12°.

Hotchkiss (J. D.), *and* Wm. Allan. Battlefields of Virginia: Chancellorsville. *New York*, 1867. maps, port. 8°.

Charlotte County.

Gaines (R[ichard] V.) Hand-book of Charlotte County, Virginia. Its history, physical characteristics, climatic conditions, social, moral and religious advantages, statistical and other information...*Richmond, Va.: E. Waddey*, 1889. 78 p., 1 l., 1 map. 8°.

Charlottesville.

See also Albemarle County above.

Charlottesville. Blank proposals and advertisement...Street improvement bonds...Bids will be received until...April 15th, 1903. [*Charlottesville*, 1903?] 2 l. 8°.

Daily Progress (Illustrated edition). Charlottesville, Virginia. "The Athens of the South." Edited by A. E. Walker. *Charlottesville: Progress Pub. Co.*, 1906. 46 p., 1 l. f°.

Chase City.

Chase City. Blank proposals and advertisement...6% improvement bonds...Bids will be received until...May 19th, 1904. [*Chase City*, 1904?] 2 l. 8°.

Chesterfield County.

Baker (W. W.) Description of Chesterfield County, Va...[*Manchester, Va.: Manchester Leader Print*, 1888?] 15 p. 24°.

Culpeper County.

Green (Raleigh Travers). Genealogical and historical notes on Culpeper County, Virginia. Embracing a revised and enlarged edition of Dr. Philip Slaughter's history of St. Mark's Parish. *Culpeper, Va.: [Exponent Print. Office,]* 1900. 5 p.l., viii, 120, 1 l., 160, xxvi p., 1 l., 1 pl., 1 port. 8°.

Slaughter (Philip). A history of St. Mark's parish, Culpeper County, Virginia; with notes of old churches and...families, and illustrations of the manners and customs of the olden time. [*Baltimore: Innes & Co.*,] 1877. x, 200 p., 1 map. 12°.

—— History of St. George's Parish, in the county of Spotsylvania, and diocese of Virginia... Edited by R. A. Brock, with a biography of the author and a continuation, embracing the history of St. George's and Trinity Churches to the present time. *Richmond, Va.: J. W. Randolph & English*, 1890. xix, 78 p., 1 pl., 1 port. 8°.

Danville.

Committee of Forty. Danville riot, November 3, 1883. Report of Committee of Forty, with sworn testimony of thirty-seven witnesses, &c. *Richmond: Johns & Goolsby*, 1883. 47 p. 8°.

Danville.—*Water, Gas and Electric Light Dept.* Annual report. 1903–1905/6. nos. [28–30]. *Danville*, 1903–1906. 8°.

Turner's 5th, 7th, annual directory for the cities of Danville and North Danville, Va. 1890/91, 1892/93. *Danville*, 1890–1892. 8°.

Elizabeth City County.

Elizabeth City Co., Va. Its soil, climate and healthfulness...The many places of interest in the locality. 2 l. f°.

Clipping from the Hampton *Home Builder*, Oct. 27, 1888.

Tombstones in Elizabeth City County. (William and Mary College Quarterly, Hist. Mag., vol. 14, p. 167–173. 1906.)

Essex County.

Garnett (Henry Wise). Historical address on the history of Essex County, Virginia, delivered ...at Occupacia, Essex Co., Virginia, on July 4, 1876. *Washington: Judd & Detweiler*, 1876. 34 p. 8°.

Fairfax.

Marriage bonds in Fairfax. (William and Mary College Quarterly Hist. Mag., vol. 12, p. 256–258. 1904.)

Washington's neighbors...Virginia freeholders and their election franchise before the Revolution. Historic names in Fairfax County...12 p. 8°.

Mounted clippings from the Washington *Evening Star*. April 5, 1889.

Farmville.

Farmville Agricultural and Mechanical District Fair. Premium list. 1889. *Lynchburg, Va.*, 1889. 8°.

Fort Monroe.

Patterson (H. K. W.) War memories of Fort Monroe and vicinity. Containing an account of the memorable battle between the "Merrimac" and "Monitor," the incarceration of Jefferson Davis, and other topics of interest concerning the fort and neighborhood. *Fort Monroe, Va.: Pool & Deutschle*, 1885. 3 p.l., 102 p. 8°.

Fredericksburg.

Braxton (C. M.) Map of the battlefield of Fredericksburg [by B. L. Blackford], explained by extracts from official reports; also Gen. Robt. E. Lee's report of the battle. *Lynchburg, Va.*, 1866. 8°.

Ehlers (E. M. L.) Address at the dedication of the monument erected by Major-General Daniel Butterfield at Fredericksburg...to commemorate the services of the fifth corps, Army of the Potomac, Memorial day, 1901. [*New York: J. J. Little & Co.*, 1901.] 16 pp. 8°.

Fredericksburg, Va., and vicinity. The home of Washington, Mary, the mother of Washington, Richard Henry Lee, Light-horse Harry Lee, and their descendants. *New York: University Pub. Co.*, 1876. 24 p. 12°.

Greene (J. L.) Gen. William B. Franklin and the operations of the left wing at the battle of

Local History, cont'd.

Fredericksburg, December 13, 1862. *Hartford, Ct.: Belknap & Warfield*, 1900. 38 pp., 1 map, 1 port. 8°.

Henderson (George Francis Robert). The campaign of Fredericksburg. November-December, 1862. A tactical study for officers. 3. ed. xviii, 1 l., 145 pp., 4 maps, 2 pl. *London: Gale & Polden*, 1891. 12°.

Howison (Robert R.) Fredericksburg: past, present and future. Published under the direction and for benefit of the Fredericksburg Library and Lyceum Association. *Fredericksburg, Va.: R. B. Merchant*, 1880. 52 p. 8°.

McGuire (*Rev.* Edward C.) Centennial commemoration. A sermon, delivered in St. George's Church, Fredericksburg,...Oct. 4, 1835, on the occasion of the hundredth anniversary of said church. *Fredericksburg: Arena Print. Off.*, 1835. 43 p. 8°.

Report of the proceedings in connection with the monument erected by Major-Gen. Daniel Butterfield, U. S. V., at Fredericksburg, Va., in honor of the Fifth Corps, Army of the Potomac, and presentation of a tablet by the 12th N. Y. Regiment Association to the Oneida Historical Society. *Utica, N. Y.* [1902?] 39 pp., 2 pl., 1 port. 8°.

Sickles (Daniel E.) Oration...before the Society of the Army of the Potomac, at Fredericksburg, Va., May 25, 1900. *n. t.-p. Washington: The Society* [1900?]. 24 pp. 8°.

Slaughter (Philip). History of St. George's parish in the county of Spotsylvania, Virginia. Edited by R. A. Brock, with a biography of the author, and a continuation, embracing the history of St. George's and Trinity churches to the present time. *Richmond: J. W. Randolph & English*, 1890. xix, 78 p., 1 pl., 1 port. 12°.

United States.—*Statutes.* A bill to establish the Fredericksburg and adjacent national battlefields Memorial Park. Introduced in the Senate. by Mr. Sewell, February 24, 1898. *n. p.* [1898] 22 pp. 4°. (55. Cong. S. 3910.)

Germanna.

Hinke (William J.) The first German reformed colony [at Germanna, Orange Co.] in Virginia, 1714–1750. (Journal of the Presbyterian Historical Society, Vol. 2, p. 1–17, 98–110, 140–150. *Philadelphia*, 1903.)

Gloucester County.

Robins (Sally Nelson). Gloucester. One of the first chapters of the commonwealth of Virginia... [*Richmond, Va.: West, Johnston & Co.*, 1893.] 21 p., 8 pl. 12°.

Cover title: "History of Gloucester County, Virginia, and its families."

James (Edward Wilson). Census Gloucester Co., 1782–83. (Virginia Magazine of History and Biography. Vol. 12, p. 14–16, 185–187, 269–271, 414–416. 1904–05.)

Gunston Hall.

Rowland (Kate Mason). Gunston Hall, Virginia. *n. p.*, 1890. p. 21–28. 8°.

Ext. from "The Home-Maker," 1890.

Hampden Sidney.

Hampden Sidney College. Catalogue. Dec., 1824, 1873/4–75/6, 77/8, 79/80–81/2, 91/2–92/3, session no. 49, 98–99, 100, 102. 104–106, 116–117. *Richmond*, 1825–93. 8°.

—— The charter and laws of Hampden Sidney College, 1829. *n. p.* [1829] 36 p. 8°.

—— Hampden - Sidney magazine. Published monthly by the Union society and Philanthropic society. v. 8, no. 1 (Oct. 1890). *Hampden-Sidney*, 1890. 8°.

HARRISON (Jesse Burton). Discourse on the prospects of letters and taste in Virginia, before the Literary and Philosophical society, Sept., 1827. *Cambridge*, 1828. 8°.

MAXWELL (William). An oration on the improvement of the people spoken before the Literary and Philosophical society...Sept. 28, 1826. *Norfolk: T. G. Broughton*, 1826. 52 p. 8°.

PRYOR (R.) The religious and secular culture. An address before the alumni...June, 1873. *New York: Evening Post Steam Press*, 1873. 26 p. 8°.

THORNTON (William M.) The demands of modern life upon the school. An address before the society of alumni of Hampden Sidney College, delivered June 11th, 1890. *Wytheville, Va.: D. A. St. Clair*, 1890. 16 p. 8°.

Hampshire County.

Memorial of sundry citizens of Hampshire County, State of Virginia. January 29, 1821. *Washington: Gales & Seaton*, 1821. 11 p. 8°. (U. S. 16. Cong., 2. Sess., H. doc. 78.)

Congressional petition relative to regulation of import duties.

Hampton.

Hampton Board of Trade. Hampton illustrated, a brief but accurate sketch of Hampton, Virginia, and its surroundings. Together with the history of its development, resources and commerce from its settlement to the present time...*Akron, O.: The Werner Ptg. & Litho. Co.*, 1892. 39 p. 16°.

Hopkins (Mark). Sermon...delivered May 20th, 1886, at the dedication of the Memorial Church, a gift by Mr. Elbert B. Monroe, from the estate of the late Frederick Marquand, to the Hampton Normal and Agricultural Institute. *Hampton, Va.: Normal School Steam Press*, 1886. 37 p. 12°.

Hanover.

Patton (J. H.) The triumph of the Presbytery of Hanover; or, Separation of Church and State in Virginia; with a concise history of the Presbyterian Church in the United States from 1705 to 1888. *New York: A. D. F. Randolph & Co.* [cop. 1887] x, 137 p. 12°.

Harper's Ferry.

Anderson (Osborn P.) A voice from Harper's Ferry. A narrative of events at Harper's Ferry; with incidents prior and subsequent to its capture by Captain Brown and his men. *Boston: the Author*, 1861. 72 p. 12°.

Brown (John). Testimonies at Harper's Ferry; with his address to the court. *New York: Amer. Anti-slavery soc.*, 1860. 16 p. 12°. (Anti-slavery tracts. New series, no. 7.)

Local History, cont'd.

Cheever (George Barrell). The curse of God against political atheism: with some of the lessons of the tragedy of Harper's Ferry. A discourse... in the Church of the Puritans, New York... Nov. 6, 1859. *Boston: Walker, Wise & Co.*, 1859. 24 p. 8°.

Clarke (James Freeman). Causes and consequences of the affair of Harper's Ferry. A sermon... preached in the Indiana Place Chapel... Nov. 6, 1859. *Boston: Walker, Wise & Co.*, 1859. 14 p. 8°.

Connelley (William Elsey). An appeal to the record: being quotations from historical documents and the Kansas... press, refuting "False claims" ... written for... Charles Robinson by G. W. Brown... *Topeka, Kan.: The author*, 1903. 130 p. 12°. (Connelley's historical pamphlets, no. 1.)

[**Drew** (T.)] The John Brown invasion: an authentic history of the Harper's Ferry tragedy... *Boston: J. Campbell*, 1860. 112 p., 1 port. 8°.

Garrison (Wendell Phillips). The preludes of Harper's Ferry, Two papers. [I. John Brown, practical shepherd. II. John Brown, Guerrilla.] [*Boston*, 1891.] 21 p. 8°.

Repr.: Andover Rev. Dec. 1890, Jan. 1891.

Featherstonhaugh (Thomas). The final burial of the followers of John Brown. (New Eng. Maga. v. 24, p. 128–134. *Boston*, 1901.)

Hinton (Richard J.) John Brown and his men. With some account of the roads they traveled to reach Harper's Ferry. *New York: Funk & Wagnalls Co.*, 1894. 752 p., 1 port. 12°. (American reformers.)

Holst (Hermann Eduard von). John Brown [translated by P. Marcou]: edited [with an appendix], by F. P. Stearns. *Boston: Cupples & Hurd* [1888]. 1 p.l., 232 pp., 2 pl., 1 port. 12°.

Kapp (F.) Die erste politische Hinrichtung in den Vereinigten Staaten. John Brown. (In: Demokratische Studien... *Hamburg*, 1860–61. 8°. [v. 1.] p. 289–312.)

"**Last** (The) moments of John Brown." Painted by Thomas Hovenden, N. A., 1884... Etched by Thomas Hovenden, N. A., 1885... [A brief sketch of the subject of the painting, and opinions of the press concerning the painting.] *Philadelphia: G. Gebbie*, 1885. 16 p. sq. 16°.

Life (The), trial and execution of J. Brown, known as "Old Brown of Ossawatomie," with... insurrection at Harper's Ferry... Cooke's confession... *New York: R. M. De Witt* [cop. 1859]. 108 p., 7 pl., 1 port. 8°.

Mock (The) auction. Ossawatomie sold, a mock heroic poem. With portraits and tableaux, illustrative of the characters and actions of the world-renowned order of Peter Funks. *Richmond, Va.: J. W. Randolph*, 1860. 261 p., 10 pl. 12°.

New York Democratic Vigilant Association. Rise and progress of the bloody out-break at Harper's Ferry... *New York: The Association* [1859?]. 20 p. 8°.

Newhall (Fales Henry). The conflict in America. A funeral discourse occasioned by the death of John Brown of Ossawattomie... Dec. 2, 1859. *Boston: M. J. Hewes*, 1859. 22 pl. 8°.

Newton (John). Captain John Brown of Harper's Ferry. A preliminary incident to the great Civil war of America. *New York: A. Wessels Co.*, 1902. xi, 288 p., 1 l., 6 pl., 1 plan, 2 port. 12°.

New York City. Official report on the great union meeting, held at the Academy of Music, New York, Dec. 19, 1859. *New York: Davies & Kent*, 1859. 176 p. 8°.

New York News Letter. May–June, 1901. vol. 34, no. 3. Harper's Ferry and Fredericksburg. *New York*, 1901. 32 p. 8°.

Phelps (R. N. R.) How Harper's Ferry fell, new light on the hard fight in the mountains from a Federal point of view. [Presented and enlarged with new notes and corrections by the author.] (Royal Blue. v. 5, p. 15–19. *Baltimore*, 1902.)

Redpath (J.) The Public life of Capt. John Brown, with an auto-biography of his childhood and youth. *Boston: Thayer and Eldridge*, 1860. 408 p., 1 port. 12°.

Sanborn (Franklin Benjamin). The life and letters of John Brown. *Boston: Roberts Bros.*, 1885. 1 p.l., viii, 1 l., 645 p., 1 fac-sim., 1 pl., 3 port. 8°.

Wright (Marcus Joseph). The trial and execution of John Brown. (Amer. hist. assoc. papers, v. 4, p. 439–452. *New York*, 1890.)

Henrico County.

Description (A) of Henrico county, Virginia. 1888. *Richmond: D. Murphy*, 1888. 8 p. 8°.

Flory (John S.) The University of Henrico. (Southern Hist. Ass'n, Pub'ns, vol. 8, p. 40–52. 1904.)

Henrico County.—*Board of Supervisors.* Henrico County, Virginia: a handbook, embracing an outline of its history and a description of its resources and advantages as a home... *Richmond, Va.: Whittet & Shepperson*, 1893. 46 p. ob. 4°.

History of Henrico University. (Johns Hopkins University Circulars. v. 21, p. 67. *Baltimore*, 1902.)

Henrico Parish.

Brock (Robert Alonzo). The vestry book of Henrico Parish, Virginia, 1730–1773, from the original manuscript, with notes and appendix. 221 p. (In: Moore (J. S.) Annals of Henrico Parish... *Richmond, Va.* [cop. 1904.] 8°.)

Burton (Lewis W.) Annals of Henrico Parish, diocese of Virginia, and especially of St. John's Church, the present mother church of the Parish from 1611 to 1884. *Richmond, Va.: Williams Ptg. Co.*, 1904. 8°. (In: Moore (J. S.) Annals of Henrico Parish... p. 1–54.)

Brock (Robert Alonzo). The vestry book of Henrico Parish, Virginia, 1730–'73, comprising a history of the erection of, and other interesting facts connected with the venerable St. John's Church, Richmond, Virginia, from the original manuscript, with two notes and an introduction. *Richmond, Va.*, 1874. 3 p.l., xvii, [2]–222 p. 4°. (Wynne's Historical Documents from the Old Dominion. No. 5.)

No. 41 of 100 copies printed.

Moore (J. Staunton). History of St. John's Church, Richmond, Virginia, from 1884 to 1904. (In his: Annals of Henrico Parish... *Richmond, Va.*, cop. 1904. p. 55–541. 8°.)

Local History, cont'd.

Moore (J. Staunton). Annals of Henrico Parish by L. W. Burton... History of St. John's P. E. Church... A complete roster of the vestries from 1741 to 1904... Records of the Parish of Henrico ... by R. A. Brock... Edited by J. S. Moore. *Richmond, Va.: The Vestry of St. John's P. E. Church* [cop. 1904]. 3 p.l., 541, 221 p., 9 pl., 25 port. 8°.

James City County.

Patents issued during the Regal Government ... James City County. (William and Mary College Quarterly, Historical Magazine. Vol. 9, p. 11–18, 67–74, 139–144; vol. 10, p. 92–98; vol. 11, p. 88–92, 271–276; vol. 12, p. 18–24, 104–110, 185–191. 1900–1904.)

James River.

Chesterman (W. D.) The James River tourist. A brief account of historical localities on James River, and sketches of Richmond, Norfolk and Portsmouth. *Richmond: E. Waddey, Printer*, 1889. 91 p. 6. ed. 12°.

Fowke (Gerard). Archeologic investigations in James and Potomac valleys. *Washington: Govt. Prtg. Office*, 1894. 80 p. pap. 8°. (U. S. Ethnology, Bur. of.)

Virginia Navigation Company. Afloat on the James. The historic river of the South... [*New York*, 19—.] 1 p.l., 12 p., 3 l. 12°.

James River Valley Immigration Society. Chartered, August 11, 1888. Officers... Directors . . [The Upper James River Valley.] *Richmond: Boughman Bros.*, 1888. 18 p. 12°.

King William County.

Clarke (Peyton Neale). Old King William homes and families; an account of some of the old homesteads and families of King William County, Virginia, from its earliest settlement. *Louisville: J. P. Morton & Co.*, 1897. 4 p.l., 211 p., 10 pl., 1 port. 4°.

King William Parish.

Vestry (The) Book of King William Parish, Va., 1707–1750. (Translated from the French and annotated by Prof R. H. Fife... with an introduction by Col. R. L. Maury.) (Virginia Magazine of History and Biography, vol. 11, p. 289–304, 425–440; vol. 12, p. 17–32, 241–256, 369–384; vol. 13, p. 65–80, 175–190, 265–280. *Richmond*, 1904–05.)

Loudoun County.

Goodhart (B.) History of the Independent Loudoun Virginia Rangers, U. S. Vol. Cav. (scouts), 1862–65. (6) 234 p., 27 port., 4 pl., 4 maps. ill. *Washington D. C.: Press of McGill & Wallace*, 1896. 8°.

Resolutions of Loudoun County. "Loudoun County a hundred years ago." (William and Mary College Quarterly, Historical Magazine, vol. 12, p. 231–237. 1904.)

Rogers (Samuel Hamilton). A centennial discourse delivered before the Ketocton Church, Loudoun, Va... December, 1856, to which is appended a catalogue of the members. *Washington: G. S. Gideon, printer*, 1857. 24 p. 8°.

Louisa County.

[**Pendleton** (P. B.)] Description of Louisa County, Va. Jesse J. Porter, Co. Commissioner, appointed to represent the Louisa exhibit at the Richmond Exposition, 1888. [*Louisa : Louisa News and Farmer Job Print*, 1888.] 4 l. 8°.

Luray.

Ammen (S. Z.) History and description of the Luray Cave (illustrated). Including explanations of the manner of its formation, its peculiar growths, its geology, chemistry, etc.; also a map. The whole so arranged as to serve as a guide. *Baltimore: J. W. Borst & Co.*, 1882. 48 p., 1 map. 3. ed. 8°.

Caverns (The) of Luray. The property of the Valley Land and Improvement Co., Luray, Va. The manner of their formation, their peculiar growths, their geology, chemistry, &c. An illustrated guide book. *Philadelphia: Allen, Lane & Scott's Print. House*, 1890. 47 p., 1 map. 8°.

—— —— *Baltimore: Crowl & Lehner*, 1893. 50 p., 1 map. 8°.

8th (The) wonder of the world. Luray caverns on the Norfolk & Western railroad. Laurance edition. [*Richmond, Va.: Everett Waddey Co.*, 189–?] 8 p. ob. 48°.

Hunner (Guy L.) The air of the Luray caverns. (Pop. Sci. Monthly. v. 64, p. 557–564. *New York*, 1904.)

[**Mason** (Otis Tufton) *and others.*] Report of a visit to the Luray Cavern, in Page County, Virginia, under the auspices of the Smithsonian Institution, July 13 and 14, 1880. [*Washington*, 1881.] 12 p. illus. 8°.

Lynchburg.

Bell's Lynchburg city directory, 1890/91. *Lynchburg*, 1890. 8°.

[**Cabell** (Mrs. Julia Mayo).] Sketches and recollections of Lynchburg. By the oldest inhabitant. *Richmond: C. H. Wynne*, 1858. vii (1), 9–363 p. 12°.

Christian (W. Asbury). Lynchburg and its people. *Lynchburg: J. P. Bell Co.*, 1900. 463 p., 23 pl. 12°.

Helper (Hinton A.) Centennial souvenir of Lynchburg, Virginia. *New York: The South Pub. Co.* [1886.] 95 (1) p. 16°.

Lynchburg. Supplement to the code of the city... together with the reports of the city officers for the year ending Jan. 31, 1895; 1901. *Lynchburg*, 1895–1901. 8°.

—— *City Council.* Reports of the standing committees, 1875/6. *Lynchburg*, 1876. 8°.

—— —— Resources and advantages of Lynchburg, Virginia, and tributary country. *Lynchburg: Virginia Job Office Print*, 1872. 16 p., 1 map. 8°.

Lynchburg (The) city directory for 1881/82, 1883/84, 1885/86. Compiled by Ross A. Smith. *Lynchburg, Va.*, 1881–1885. 8°.

Virginia.—*Statutes.* A bill amending third section of the act passed April 27, 1867, incorporating the Real Estate Savings Bank at Lynchburg. n. p., n. d. 2 p. 8°. (House Bill, no. 235.)

Walsh's directory of the city of Lynchburg, 1897/98, 1899, 1900. *Lynchburg*, 1897–1900. 8°.

Local History, cont'd.

Madison County.

Reid (J. A.) Hand book of Madison County, Virginia. n. p. [188–.] 4 p. 12°.

Manassas.

Addresses delivered at the unveiling of the memorial tablet presented by Henry P. Martin, at the 71st Armory, March 12, 1895, in memory of those members of the Seventy-first regiment who were killed and wounded at the Battle of Bull Run, July 21, 1861. *New York: privately printed*, 1895. 15 p., 1 pl. 4°.

Barnard (John Gross). C. S. A. and the Battle of Bull Run; a letter to an English friend. *New York*, 1862. pl. 8°.

Beauregard (P. G. F.) A commentary on the campaign and battle of Manassas, of July, 1861...maps. *New York*, 1891. 12°.

Cox (Jacob D.) The second battle of Bull Run, as connected with the Fitz-John Porter case. A paper read before the Society of ex-army and navy officers of Cincinnati, February 28, 1882. *Cincinnati, O.: P. G. Thomson*, 1882. iv, 1 l., 124 p., specially ill., with 1 inserted port. 12°.

Gates (Theodore B.) The "Ulster guard" (20. N. Y. state militia) and the war of the Rebellion...a history of the...regiment...together with a brief treatise upon the origin and growth of secession; the militia system...a critical history of the first battle of Bull Run...[&c.] *New York: B. H. Tyrrel*, 1879. xxiii, 619 p. 8°.

McCrady (E.), jr. "Gregg's brigade of South Carolinians in the second battle of Manassas." An address before the survivors of the 12. regiment South Carolina volunteers. *Richmond: W. E. Jones*, 1885. 40 p. 8°.

Russell (W. H.) Letter on the Battle of Bull Run. *Washington*, 1861. *n. p.*, 1861. 12 p. 8°.
From the Rebellion record, 1860–61.

Stedman (Edmund C[larence]). The battle of Bull Run. *New York: Rudd & Carleton*, 1861. 42 p., 1 l. 12°.

Warder (T. B.), *and* J. M. CATLETT. Battle of Young's Branch, or Manassas Plain, fought July 21, 1861; with...an account of the battle, also, the battle ground of July 18, 1861, with Gen. Beauregard's report of said battle. *Richmond*, 1862. maps. 16°.

Manchester.

Manchester. Advertisement and blank proposal...Four per cent. refunding Bonds. . Bids will be received until...March 24, 1905. [*Manchester*, 1905?] 2 l. 8°.

Massanutten Mountain.

Spencer (A. C.) *The geology of Massanutten mountain in Virginia...May, 1896. *Washington, D. C.: the Author*, 1897. 53 p., 1 l., 1 map. 4°.

Middlesex County.

Christ Church, Middlesex County, Va. The parish register...from 1653 to 1812. *Richmond: National Society of the Colonial Dames of America in the state of Virginia, Wm. E. Jones, printer*, 1897. 341 p. 4°.

Tombstones in Middlesex County. (William and Mary College Quarterly, Historical Magazine, Vol. 12, p. 170–174, 243–245. 1904.)

Monticello.

Lossing (Benson J.) Monticello. [*New York*, 1853.] p. 145–160. 8°.
Ext. from Harper's Magazine, Vol. 7, July, 1853.

Mount Vernon.

Baker (Abby G.) The restoration of Mount Vernon... [*New York*, 1905.] 660–670 p. 8°.
Ext. from Munsey's Magazine, Vol. 33. Sept., 1905.

Cooper (Susan Fenimore). Mount Vernon: a letter to the children of America. By the author of "Rural hours," etc., etc. [*i. e.* Susan Fenimore Cooper] *New York: D. Appleton & Co.*, 1859. 70 p. 16°.

Hudson (Susan E. Johnson). Washington's home... History of the "Mount Vernon Association." [*Baltimore: Hanzsche & Co.*, 1903?] 12 p. illus. sq. 16°.
Reprint: "The Colonial Magazine."

Johnston (Elizabeth B.) Visitor's guide to Mount Vernon. *Washington, D. C.: Gibson Bros.* [cop. 1876.] 53 p. illus. 3. ed. 16°.
—— —— 1886. 75 p. illus. 12. ed. 16°.
—— —— 1889. 79 p. illus. 16. ed. 16°.
—— —— 1891. 78 p. illus. 17. ed. 16°.

Kozlowski (W. M.) A visit to Mt. Vernon a century ago. A few pages of an unpublished diary of the Polish poet J. U. Niemcewicz. (Century Maga. v. 63, p. 510–522. *New York*, 1902.)

Lossing (Benson John). Mount Vernon and its associations, historical, biographical, and pictorial...*New York: W. A. Townsend & Co.*, 1859. 2 p.l., 7–376 p., 2 pl., 1 port. 8°.

—— The home of Washington and its associations, historical, biographical, and pictorial... New ed. *New York: W. A. Townsend*, 1865. 376 p., 2 pl., 1 port. 4°.

—— The home of Washington; or, Mount Vernon and its associations, historical, biographical, and pictorial. *New York: Virtue & Yorston* [cop. 1870]. 446 p. 8°.

—— Mount Vernon, the home of Washington. Descriptive, historical and pictorial. *Cincinnati: J. C. Yorston & Co.* [cop. 1882] 2 p.l., 11–446 p., 1 l. 8°.

Masonic pilgrimage to the tomb of Washington at Mount Vernon, under the auspices of the Knights Templar of Washington, D. C.,...June 25, 1866. *Washington: J. L. Pearson*, 1866. 12 p. 8°.

Mount Vernon, the home of Washington; to accompany the model of Mount Vernon by Robert Yale. *New York: B. R. Barlow*, 1851. 16 p. 12°.

Mount Vernon Ladies Association of the Union. Act of incorporation for the purchase of Mount Vernon. Constitution and bylaws. [*New York*, 1872.] 14 p. 8°.

—— Report, 1872, '73, '85, '89, '90, '98, 1900. *Philadelphia*, 1872-1900. 8°.

—— Report 1858[–1895, reprinted]. *Baltimore: The Friedenwald Co.*, 1896. v. p. 8°.

Local History, cont'd.

—— Circular. An appeal for Mount Vernon: To the Daughters of Washington. *Philadelphia*, 1855. 8 p. 8°.

—— The illustrated Mount Vernon Record, the organ of the Mount Vernon Ladies' Association of the Union. v. 1–2 (July, 1858–June, 1860). *Philadelphia*, 1859–60. 4°.

Doane (George Washington) bp. of New Jersey. One world; one Washington: the oration in the City Hall, Burlington, on Washington's birthday, 1859... *Burlington, N. J.: Ladies' Mt. Vernon Assoc.*, 1859. 32 p. 8°. (Mt. Vernon Ladies' Assoc. of the Union.)

Pryor (*Mrs.* Roger A.) The Mount Vernon Association. (In: The American Historical Register, 1894–95, Vol. 1, p. 407–420.)

Putnam Phalanx. Excursion of the Putnam Phalanx to Mount Vernon, December, 1860 [compiled from report made by A. N. Clark]. *Hartford, Conn.: C. G. Geer*, 1861. 40 p. 4°.

Rice (Harvey). Mount Vernon, and other poems. *Columbus: Follett, Foster, and Co.*, 1860. v, 7–179 p. 3. ed. enlarged. 12°.

—— —— *New York: D. Appleton & Co.*, 1865. vi, 1 l., 9–221 p., 1 pl. 2. ed. 12°.

Searson (John). Mount Vernon, a poem: being the seat of his excellency George Washington, in the state of Virginia...[With Elegiac verses, on the decease of...General George Washington of immortal memory.] By John Searson. *Philadelphia: the Author* [1799]. 83, 4 p., 1 port. 8°.

Union of American Hebrew Congregations—*Third Annual Council.* Memorial of a pilgrimage to Mount Vernon, and the tomb of Washington by the delegates...12th July, 1876 (5636). [*Washington*, 1876?] 14 p. 8°.

Wineberger (J. A.) The home of Washington at Mount Vernon, embracing a full and accurate description, as well as of the birthplace, genealogy, character, marriage, and last illness of Washington... *Washington: T. McGill*, 1860. iv, 5–70 pp., 5 pl., 1 port. 12°.

—— Home of Washington at Mount Vernon, and its associations. *Washington: McGill & Witherew* [1866]. 99 p., 2 maps, 1 port. 8°.

Natural Bridge.

Description of the Natural Bridge, Va., and its history. *Philadelphia: Packard, Butler & Partridge* [1884?] 42 p., 2 l., 1 pl. 16°.

Natural Bridge, Rockbridge Co., Va. *n. p.* [1883] 16 pp. 24°.

Torrey (Bradford). At Natural bridge, Virginia. (Atlantic Monthly. *Boston*, 1898. 8°. v. 82, p. 112–121; 257–268.)

New Kent County.

Saint Peter's, New Kent County, Va. The parish register of Saint Peter's, New Kent County, Va., from 1680 to 1787... *Richmond: W. E. Jones*, 1904. 2 p.l., 206 p. 8°. (Colonial Dames.—Virginia Parish Record Series, no. 2.)

Norfolk.

Burton (H. W.) The history of Norfolk, Virginia. A review of important events and incidents which occurred from 1736 to 1877; also a record of personal reminiscences and political, commercial and curious facts. By H. W. Burton, "Harry Scratch," of the Norfolk Virginian. *Norfolk, Va.: Norfolk Virginian Job Print*, 1877. vi, 264 p. 8°.

Chataigne's directory of Norfolk and Portsmouth, 1880/81, 1882/83, 1883/84, 1885, 1886, 1888, 1889, 1890/91, 1891/92, 1892/93, 1894, 1895/96, 1896/97. [*Norfolk*, 1879–1896.] 4to.
1889–1896 have title "Chataigne's directory of Norfolk, Portsmouth & Berkley."

Facts and figures about Norfolk, Virginia. A town in 1680. A borough in 1736. A city in 1845. *Norfolk: Chamber of Commerce*, 1897. 32 p. 16°.

Forrest (William S.) Historical and descriptive sketches of Norfolk and vicinity, including Portsmouth and the adjacent counties, during a period of two hundred years. Also, sketches of Williamsburg, Hampton, Suffolk, Smithfield, and other places... *Philadelphia: Lindsay and Blakiston*, 1853. 2 p.l., ix–xxxii, 33–496 p., 1 pl. 8°.

Lamb (Robert W.) Our twin cities of the nineteenth century: (Norfolk and Portsmouth). Their past, present and future. *Norfolk, Va.: Barcroft*, 1887–8. 312 p., 24 pl., 1 port. 8°.

Norfolk.—*Mayor.* Messages of the Mayor to the select and common councils, together with municipal reports. 1878, 1879, 1881, 1884, 1886, 1888, 1897/9–1899/1901. *Norfolk: City Printer*, 1878–1901. 8°.

—— *Councils.* Stenographer's minutes. City of Norfolk investigation into the "water option," before a committee of the Councils, January 21st, 1897. *Norfolk: W. T. Barron & Co.* [1897] 1 p.l., 86 p. 8°.

—— —— Report of the investigating committee of the Common and Select Councils, concerning the charges of Mayor Lamb, in his annual message, against the Police Commissioners and police force of the city of Norfolk, Va. [*Norfolk:*] *T. O. Wise, city printer*, 1885. 15 p. 8°.

—— *Ordinances.* Joint resolutions of the Mayor, Recorder, Aldermen, and Common Council, of the borough of Norfolk [relating to commerce with British colonies], passed December 17, 1821; and memorial of sundry citizens of the same place. January 11, 1822. *Washington: Gales and Seaton*, 1822. 9 p., 2 tab. 8°. (U. S. 17. Cong., 1. Sess. H. doc. 21.)

—— —— The ordinances of the city of Norfolk, with the amended charter and an appendix...1894. *Norfolk: W. T. Barron & Co.*, 1894. viii, 381 p., 1 map. 8°.

—— —— The ordinances...with the amended charter, acts of Assembly relating to city government...1902. *Norfolk: Burke and Gregory*, 1902. vii, 9–932 p. 8°.

—— *Water Commissioners.* Annual report. 1876, 1889/90, 1890/91, 1901/02–1905/06. *Norfolk*, 1876–1906. 8°.
1901/2 and later are numbered 28, etc.

—— —— Contract [and specifications for the structures upon the Norfolk water works]. Feb., 1871. *Norfolk*, 1871. 63 p. 4°.

—— —— Report and plans of the Hon. W. J. McAlpine for a supply of water for the city of Norfolk. Feb., 1871. *Norfolk: Journal Office*, 1871. 48 p. 8°.

Local History, cont'd.

Norfolk Chamber of Commerce. Constitution and by-laws.. *Norfolk: W. T. Barron & Co.*, 1902. 15 p. 12°.

Norfolk (The) directory... [1806/07.] *Norfolk: A. C. Jordan & Co.*, 1806. 82 p., 1 l. 16°.

Norfolk, Portsmouth and Newport News Co. Travel, entertainment and enterprise. *Norfolk* [1903]. 32 l., 1 map. obl. 16°.

Norfolk Public Library of Norfolk, Va. The charter, constitution and by-laws of the Norfolk Public Library, of Norfolk, Virginia. *Norfolk, Va.*, 1898. 20 p. 12°.

Nowitzky (George I.) Norfolk, the marine metropolis of Virginia, and the sound and river cities of North Carolina. A narrative. *Norfolk, Va.: The Author*, 1888. v, 7–216 p. 12°.

Q. (S. P.) The judgeship. A tale of the times. By S. P. Q. [An attack on the Norfolk bar. In verse. Copyright Jan., 1844, by Wm. A. Swank.] *Norfolk, Va.*, 1884. 10 p. 8°.

Stoner (Winifred Sackville). St. Paul's Episcopal Church, Norfolk, Virginia, U. S. A.... *Norfolk, Va.: Nusbaum Book and News Co.* [1903.] 14 p. obl. 16°.

Storrs (Richard Kalter). Terrors of the pestilence. A sermon preached in the Church of the Pilgrims, Brooklyn, N. Y., on the occasion of a collection in aid of the sufferers at Norfolk, Va., Sept. 30th, 1855. *New York: J. A. Gray*, 1855. 24 p. 8°.

Tucker (Beverley D.) The continuity of the church. A plea for endowment. Sermon preached in St. Paul's Church, Elizabeth River Parish, Norfolk, Va....Apr. 1st, 1906. [*Norfolk:*] *the Vestry* [1906]. 11 p. 8°.

Norfolk County.

Lower Norfolk County, Virginia, Antiquary. v. 1–v. 5, no. 2. *Baltimore* [1895]–1905. 8°.
v. 1, pts. 1–3, published at Richmond.

Marriage bonds of Norfolk County, Virginia, 1750–1754. [*Richmond*, 1890.] 1 p.l., 3 p.
Mounted clippings from the Richmond, Virginia, Critic, Nov. 22, 1890. Vol. 3, p. 62.

Stewart (William H.) History of Norfolk County, Virginia, and representative citizens, 1637–1900. *Chicago: Biographical Pub. Co.*, 1902. 1041 p., 1 port. illus. 4°.
697–8, 703–4, 765–6, 893–8 were omitted in the pagination; text, however, is complete.

Old Point Comfort.

Hygeia Hotel. Health, comfort, pleasure, scenic surroundings. Hygeia Hotel, the seaside resort of America. [*New York: the Giles Co.*, 189–.] 29 p. 16°.

Pennsylvania Railroad. A Christmas holiday pleasure tour to Old Point Comfort, over the Pennsylvania Railroad... [*Philadelphia: Allen, Lane & Scott*, 1891.] 16 p., 1 map. 12°.

Visitor's hand book of Old Point Comfort, Va., and vicinity, including Fort Monroe, National home for D. V. Soldiers, National Cemetery, Hampton Normal and Agricultural Institute, town of Hampton, Newport News, Norfolk, Portsmouth, etc. *Hampton, Va.: Hampton Institute*, 1885. 84 p., 1 map. illus. 3. ed. 8°.

Orkney Springs.

Mullin (S. M.) History, character, and medicinal properties of Orkney Springs, Shenandoah County, Virginia... *Washington, D. C.: Judd & Detweiler*, 1881. 16 p. 8°.

Petersburg.

Chataigne's Petersburg directory. 1882/83, 1886/87, 1888/89. [*Richmond*, 1882–88.] 8°.

Guide (A) to the fortifications and battlefields around Petersburg; with a splendid map. from actual surveys made by the U. S. Engineer Dep'mt ...By the Prop. of Jarratt's Hotel. *Petersburg, Va.*, 1866. 27 p., 1 map. 8°.

J. L. Hill Printing Co.'s directory of Petersburg, Va. 1897, 1899/1900. [*Richmond*, 1897–99.] 8°.

Petersburg. Acts of the General Assembly of Virginia relative to the jurisdiction and powers of the town of Petersburg. To which are added, the ordinances, by-laws and regulations of the corporation. *Petersburg: E. Pescud*, 1824. 100 p. 8°.

Virginia.—*Governor.* Message of James L. Kemper...to the Senate, giving his reasons for withholding his assent to the bill "To provide a charter for the city of Petersburg," March 12, 1874. [*Richmond*, 1874.] 8 p. pap. 8°.

Portsmouth.

Portsmouth. Mayor's message... together with municipal reports. 1885/86, 1895/96–1896/97. 8°. *Portsmouth*, 1886–97. 8°.

Prince Edward County.

Prince Edward County for a home in Virginia. *Richmond, Va.: Johns & Co.*, 1888. 46 p. 8°.

Prince George County.

Spooner (John Jones). A topographical description of the county of Prince George in Virginia, 1793. (Massachusetts Hist. Soc., Collections, 1794, Vol. 3, p. 85–92. *Boston*, 1794.)

Richmond.

See also, Henrico Parish, *above.*

L'Académie des Sciences et Beaux Arts des États-Unis de l'Amérique, Richmond, Va. Mémoire et prospectus, concernant l'Academie...établie à Richmond, capitole de la Virginie; par le Chevalier Quesnay de Beaurepaire, Fondateur-Président. *Paris: Cailleau, Imprimeur de l'Académie de Richemond*, 1788. 8 p.l., 52 p. 8°.

Advantages (The) of Richmond, Virginia, as a manufacturing and trading centre; with notes for the guidance of tourists on the lines of transportation running from Richmond. *Richmond: Published under the auspices of the Trade committees of the Chamber of Commerce and Commercial Club*, 1882. 64 p., 3 maps. 8°.

Baptist Church (First). The first century of the Baptist Church of Richmond, Virginia, 1780–1880. *Richmond: C. McCarthy*, 1880. 360 p. 8°.

Baptist Church (Second). Manual for the Second Baptist Church, Richmond, Virginia, 1834. *Richmond: W. Sands*, 1834. 16 p. 16°.

Local History, cont'd.

Brock (Robert Alonzo). Richmond as a manufacturing and trading centre; including a historical sketch of the city. *Richmond, Va.: Jones & Cook*, 1880. 92 p., 1 map, 8 pl. 8°.

Campbell (John A.) Recollections of the evacuation of Richmond, April 2, 1865. *Baltimore: J. Murphy & Co.*, 1880. 27 p. 8°.

Catalogue of stereoscopic and card views of Richmond and vicinity. *Richmond, Va.: Selden & Co.* [186–?] 2 l. 8°.

Chataigne's directory of Richmond, Va. 1881, 1882/83, 1883/84, 1886/87, 1888, 1889, 1891, 1892, 1893/94, 1894/95, 1895/96, 1897. *Richmond*, 1881–97. 8°.

Chesterman (W. D.) Guide to Richmond and the battle-fields. *Richmond: J. E. Goode*, 1881. 68 p. 16°.

—— Same. *Richmond: J. E. Goode*, 1884. 64 p. illus. 16°.

—— Same. *Richmond: J. Hill Print. Co.*, 1894. 73 p. illus. 12°.

—— Richmond, Va.: an outline of its attractions and industries. Prepared by order of the Chamber of Commerce, and published under the direction of its committee on information and statistics. *Richmond: W. E. Jones*, 1888. 24 p. 12°.

Cook (Joel). The siege of Richmond; a narrative of the military operations of Maj.-Gen. George B. McClellan... May and June, 1862. *Philadelphia*, 1862. 12°.

Currier (F. C.) ...A visit to Richmond, Va., at the close of the Civil war. Read at a meeting of the [Fitchburg Historical] Society, May 16, 1904. *Fitchburg: Sentinel Ptg. Co.*, 1904. 32 p. 12°.

Didier (Eugene L.) Some Richmond portraits. *New York*, 1885. p. 712–723. 8°.

Ext. from "Harper's Magazine," Vol. 70, April, 1885.

Emery (Ina Capitola). The fall of Richmond. (National Maga. v. 11, p. 483–494. *Boston*, 1900.)

Fisher (George D.) History and reminiscences of the Monumental Church, Richmond, Va., from 1814 to 1878. *Richmond: Whittet & Shepperson*, 1880. xvi, 508 p., 2 l., 1 pl., 5 port. 8°.

Full (A) account of the great calamity, which occurred in the capitol at Virginia, April 27, 1870, together with a list of killed and wounded. *Richmond: Ellyson & Taylor*, 1870. 48 p. 8°.

Funke (Georg). Die operationen der Konföderirten um Richmond im Mai und Juni, 1862. 2 pl. (Beiheft zum Militär-Wochenblatt, 1901. p. 277–294. *Berlin*, 1901.)

Gesangverein Virginia, Richmond, Va. Fest-Programm des Goldenen Jubiläums...nebst einer historischen Skizze des Vereins von H. Wenzel, Sr....d. 1. 2. u. 3. July, 1902. *Richmond, Va.:* [*The Dietz Print. Co.*, 1902.] 35 p., 9 pl., 1 port. 8°.

Heindl (Joseph J.) Preliminary report on heating and ventilating the capitol building at Richmond, Va. [*Richmond*, 1876.] [8] p. 8°. (Richmond. Public Buildings, Office of Superintendent of.)

Henry (William Wirt). Richmond on the James. (In: Historic towns of the Southern States, Edited by Lyman P. Powell. *New York*, 1900. p. 151–183. 8°.)

Hill Directory Company's directory of Richmond and Manchester, Va., 1902. *Richmond* [1902]. 8°.

Historical account of the Washington monument in the Capitol Square, Richmond, Va., with biographical sketches... *Richmond, Va.: W. A. R. Nye*, 1869. 16 p. 24°.

Hollywood Memorial Association. Register of the Confederate dead, interred in Hollywood Cemetery. *Richmond*, 1869. map. 8°.

Miller (Samuel). A sermon delivered January 19, 1812, at the request of a number of young gentlemen of the city of New York, who had assembled to express their condolence with the inhabitants of Richmond...[on the burning of the theatre.] *New York: Whiting and Watson*, 1812. 42 p. 8°.

[**Mordecai** (Samuel).] Richmond in by-gone days: being reminiscences of an old citizen. *Richmond, Va.: G. M. West*, 1856. [iii]–xi, [13]–321 p. 16°.

Mordecai (Samuel). Virginia, especially Richmond, in by gone days, with a glance at the present: being reminiscences and last words of an old citizen. *Richmond: West & Johnston*, 1860. xvi, 17–359 p. 12°.

Morrison (Andrew). The city on the James. Richmond in history. *Richmond, Va.: G. W. Engelhardt & Co.*, 1888. 163 p. 8°.

New (The) Richmond. Rise of the city since the war left it ruined. More prosperous than ever. Great industries established and business growing. 16 p. 8°.

Mounted clippings from the New York *Sun*, October 19, 1902.

New York News-Letter. September-October, 1901. vol. 34, no. 5. Richmond number. *New York*, 1901. 32 p. 8°.

[**Norvell** (Watkins)] Richmond, Virginia, colonial, revolutionary, confederate, and the present. 1896. [*Richmond: E. B. Brown*,] 1896. 22 l. ob. 8°.

Particular account of the dreadful fire at Richmond, Virginia, Dec. 26, 1811. Which destroyed the theatre and the house adjoining, and in which more than sixty persons were either burnt to death, or destroyed in attempting to make their escape. To which is added some observations on theatrical performances; and an essay from the Virginia Argus... *Baltimore: J. Kingston*, 1812. 46 p. 8°.

Poindexter (Charles). Richmond: an illustrated handbook and guide with notices of the battlefields. *Richmond: Va.: J. L. Hill Print. Co.*, 1896. 112 p., 2 maps. 16°.

Richmond.—*Auditor*. Annual report, 1897/8–1904/5. *Richmond*, 1898–1905. 8°.

—— *Charter*. The charters and ordinances of the city of Richmond, with the Declaration of Rights and Constitution of Virginia. *Richmond: Ellyson*, 1859. 295 p. 8°.

—— —— The charter of the city of Richmond, approved May 24, amended July 11, 1870; and the city ordinances, passed since the late edition of the ordinances in 1869. *Richmond: Evening News*, 1871. 95 p. 8°.

—— —— The charter and ordinances of the city of Richmond. Published by the authority of the Council. *Richmond: J. E. Goode*, 1875. ix, 1 l., 349 p. 8°.

Local History, cont'd.

—— *Health Board.* Annual report. nos. 6, 9–13, 27. 1876, 1879–83, 1898. *Richmond*, 1877–99. 8°.

—— *James River Improvement Committee.* Annual report...transmitting report of their engineer. 1878–9. *Richmond*, 1879. 8°.

—— *Mayor.* Annual message and accompanying documents. 1895–98, 1900. *Richmond*, 1896–1901. 8°.

—— *Police Commissioners.* Annual report of the Chief of Police. 1895–1901. *Richmond*, 1896–1902. 8°.

—— *Public Schools, Office of Superintendent of.* Annual report of the Superintendent, 1894. no. 25. *Richmond*, 1895. 8°.

—— *Treasurer's Office.* Annual report of the Treasurer. 1899/1900. *Richmond*, 1900. 8°.

—— —— Blank proposals and advertisement... Four per cent. refunding bonds...Bids will be received until...December 9, 1904. [*Richmond*, 1904.] 2 l. 8°.

—— —— Same. May 17, 1905. 2 l. 8°.

—— —— Same. June 7, 1906. 2 l. 8°.

—— *Water Committee.* Annual report and accompanying documents. 1871/2–1874/5. *Richmond*, 1872–75. 8°.

—— —— Proposals, contract and specifications for hydraulic pumping machinery. [*Richmond*, 1880.] 26 p., 1 l. 4°.

Richmond Chamber of Commerce. The city on the James. Edited by Andrew Morrison. *Richmond, Va.: G. W. Engelhardt*, 1893. 316 p. illus. 4°.

[—— ——] Richmond, Va.: its growth, attractions, advantages, facilities, resources and development as a business centre...Educational institutions, places of amusement, churches and charities, and points of interest in and about the city. [*Richmond: Whittet & Shepperson*, 1901.] 22 p. illus. 16°.

—— Report on the trade and commerce of Richmond, Virginia, for 1872/3. *Richmond*, 1873. 8°.

—— Report of the annual meeting...for 1883/4. no. 17. *Richmond*, 1884. 12°.

—— Report of the president submitted...1902. *Richmond*, 1902. 8°.

—— —— Address delivered at the Pan-American exposition, Buffalo, New York, on Virginia day, August 23, 1901. *Richmond, Va., Whittet & Shepperson*, 1901. 48 p. 12°.

Richmond Riot, April 2, 1863. [*Richmond, Va.*,] 1887. 4 p. 8°.

Mounted clippings from the Richmond *Critic*, Nov. 28, 1887. Vol. 1, no. 12.

St. Mary's [German Catholic] Church. Manual and directory...1903–1904. [*Richmond: Whittet & Shepperson, ptrs.*, 1904.] 46 p. 8°.

—— Annual financial statement, Jan. 1, 1903; 1904. *Richmond*, 1903–4. 8°.

—— Annual statement of building committee, Jan. 1, 1903. *Richmond*, 1903. 8°.

Seven (The) days' battles in front of Richmond. *Charleston*, 1862. 8°.

Shaler (Nathaniel Southgate), *and* Jay Backus Woodworth. Geology of the Richmond Basin, Virginia. Illus. 33 plates, 2 maps. (U. S. geol. survey. 19th ann. rep., pt. 2, p. 385–519. *Washington*, 1899.)

Snapshots at Richmond, Virginia, U. S. A., By the business man, editor, preacher, doctor, photographer. [*Richmond*,] cop. 1895. 128 p. 8°.

Title on cover reads: "Richmond, Virginia: her advantages and attractions..."

Witherspoon (John). A serious inquiry into the nature and effects of the stage; and a letter respecting play actors. Also a sermon on the burning of the theatre at Richmond, &c. By Samuel Miller, D.D...with...address, by several ministers in New York, &c. *New York: Whiting & Watson*, 1812. 199 p. 16°.

Wood (J. P.) The industries of Richmond. Her trade, commerce, manufactures and representative establishments. *Richmond, Va.: Metropolitan Publishing Co.*, 1886. 3 p.l., 7–144 p. 8°.

[**Wright** (R. W.)] Richmond since the war. [*New York*, 1877.] 303–312 p. 8°.

Ext. Scribner's Monthly Magazine, July, 1877.

Young (The) Men's Business Association. Business facts about Richmond, Virginia. *Richmond: Monitor Pub. Co.*, 1897. 42 p., 1 map. ob. 24°.

Richmond County.

Marriages, births and deaths in Richmond County. (William and Mary College Quarterly, Historical Magazine, vol. 13, p. 129–132, 182–192. 1904–05).

Roanoke.

Haddock's Roanoke, Va., city directory, 1890. *Richmond*, 1890. 8°.

Picturesque Roanoke. Being a series of reproductions from photographic views...*Roanoke: The Stone Prtg. & Mfg. Co.* [1905 ?] 2 l., 15 pl. ob. 8°.

Roanoke Industrial and Agricultural Association. Premium list, rules and regulations of the great Roanoke fair...*Roanoke*, 1904. 64 p. 8°.

Roanoke souvenir calendar, 1903. [Views of Roanoke.] *Roanoke, Va.: the Stone Print. & Manuf. Co.*, cop., 1902. 12 l. illus. 2. ed. f°.

Scholes' directory of the city of Roanoke, 1892, 1893, 1896. *Roanoke*, 1892–1896. 8°.

Rock Enon Springs.

Rock Enon Springs and baths, Frederick County, Va. *Washington: Judd & Detweiler* [1879]. 18 p., 1 pl. 8°.

Rockingham County.

Hinke (Wm. J.), *and* Charles E. Kemper. Record of the Peaked Mountain Church, Rockingham County, Va. (William and Mary College Quarterly, Hist. Mag., Vol. 13, p. 247–256. 1905.)

Romancoke.

Daniel (Frederick S.) A visit to a colonial estate [Romancoke, Va.]. *New York*, 1888. 517–524 p. 8°.

Ext. from Harper's Magazine, March, 1888.

Saint George's Parish.

See Fredericksburg *above*.

Saint Mark's Parish.

See Culpeper County *above*.

Local History, cont'd.

Salem.

Salem. Blank proposal and circular...in gold refunding bonds... Bids will be received until... March 10th, 1900. [*Salem*, 1900.] 2 l. 8°.

Salem and the Roanoke Valley: a circular of information... *Salem, Va.: Times-Register Power Press Print*, 1884. 68 p. 8°.

Roanoke College. Views of Roanoke college and vicinity. *Salem*, n. d. 4 l. 8°.

—— Addresses at the inauguration of Julius D. Dreher as president... Oct. 17, 1879. [*Boston*,] 1879. 62 p. 8°.

POTTER (Charles Nott). The need of limiting legislation and patronage; address before the literary societies of Roanoke College, Va., June 12, 1878. *New York*, 1878. 8°.

Shenandoah Valley.

Allan (William). History of the campaign of Gen. T. J. (Stonewall) Jackson, in the Shenandoah Valley of Virginia, from Nov. 4, 1861, to June 17, 1862; with maps by J. Hotchkiss. *Philadelphia*, 1880. 8°.

Bruce (Thomas). Southwest Virginia and Shenandoah Valley... *Richmond: J. L. Hill Pub. Co.*, 1891. viii, 1 l., 259 p. 8°.

Davis (W. W. H.) The campaign of 1861 in the Shenandoah Valley. A paper read before the Commandery of the State of Pennsylvania of the Military Order of the Loyal Legion of the United States, May 3, 1893. *Doylestown, Pa.: Doylestown Pub. Co., pr.*, 1893. 1 p.l., 18 p. 8°.

F. (N. E.) The Shenandoah Valley of Virginia. Railroad development. Agricultural and industrial progress. Magnificent scenery. The wonderful Luray Caverns... *Staunton, Va*, 1881. 1 l. f°.
Clipping from the "Valley Virginian," May 19, 1881.

Ingersoll (Ernest). Through the Shenandoah Valley. The chronicle of a leisurely journey through the uplands of Virginia... With illustrations by F. H. Taylor...*Roanoke, Va.: Shenandoah Valley R.R. Co.*, 1886. 56 p. 12°.

—— —— *New York: The Giles Co.* [1890] 76., 1 map. 12°.

Jung (Hans). The Germans of the Valley. (In: The Virginia Magazine of History and Biography, Vol. 9, p. 339–352; vol. 10, p. 33–48, 113–130. *Richmond*, 1902.)

Kemper (Charles E.) Adam Muller (Miller), first white settler in the valley of Virginia. (Virginia Magazine of History and Biography, Vol. 10, p. 84–86. 1902.)

Kercheval (Samuel). A history of the valley of Virginia. *Winchester: S. H. Davis*, 1833. 1 p.l., xlvi, 47–486 p. 12°.

—— —— 2. ed. *Woodstock, Va.: J. Gatewood*, 1850. xxviii, 29–347 p. 8°.

Patterson (Robert). A narrative of the campaign in the valley of the Shenandoah, in 1861. *Philadelphia: J. Campbell*, 1865. 128 p. 8°.

—— —— Another copy, large paper.

—— —— 3d 1,000. *Philadelphia*, 1865. 8°.

Pond (G. E.) The Shenandoah valley in 1864. *New York: C. Scribner's Sons*, 1883. 12°. (Campaigns of the Civil War. v. 11.)

Scheibert (J.) Stonewall Jackson's Virginienthal-Campagne. *n. t.-p.* [*Berlin*, 1862.] 203–232 p. 8°.
Repr.: Jahrb. f. d. Deutsche Armee u. Marine. Bd. 31.

Waddell (Joseph Addison). Scotch-Irish of the valley of Virginia. *n. p.* [1895] 79–99 p. 8°.
Repr.: Proceed. and Addresses of the Seventh Congress of the Scotch-Irish Soc. of America, 1895.

Wayland (John Walter). The Germans of the valley. (In: Virginia Mag. of Hist. and Biog., Vol. 9, p. 337–352; vol. 10, p. 33–48, 113–130. 1902.)

Shirley.

Historic homes. [Shirley, Va., the ancestral home of] The Hills and the Carters... *Baltimore*, 1888. 3 l. 8°.
Mounted clippings from "The Baltimore Sun," Oct. 13, 1888.

Smithfield.

Humphreys (Mary Gay). An old church. [Old Brick Church, near Smithfield, Virginia.] *n. p.*, n. d. 437–445 p. 8°.

Thomas (R. S.) The Old Brick Church, near Smithfield, Virginia. Built in 1632. A paper read before the Virginia Historical Society...Dec. 22, 1891. (In: Virginia Hist. Soc. Coll., new series, vol. 11, 1892, p. 127–163.)

Smyth County.

Francis (W. P.) Smyth County, Virginia. Information concerning transportation, mountains, streams, water powers, and places of interest, elevations and the mineral waters. *Richmond, Va: J. W. Ferguson & Son*, 1888. 16 p. 24°.

Southampton County.

Drewry (William Sidney). The Southampton insurrection. [With bibliography.] *Washington: The Neale Co.*, 1900. 201 p., 1 map, 34 pl., 3 port. 8°.

Sketch and map of Southampton County, Virginia. Prepared by the Exposition Committee, 1888. [*Richmond:*] *Richmond Dispatch Steam Presses*, 1888. 8 p., 1 map. 12°.

Warner (Samuel). Authentic and impartial narrative of the tragical scene which was witnessed in Southampton County (Virginia) on Monday, the 22d of August last, when fifty-five of its inhabitants (mostly women and children) were inhumanly massacred by the blacks! communicated by eyewitnesses and confirmed by...confessions of several of the blacks...[*New York:*] *Printed for Warner & West*, 1831. [3]–38 p., 1 folded plan. 12°.

Spotsylvania County.

Virginia county records. Spotsylvania County, 1721–1800. Being transcriptions from the original files at the County Court House, of wills, deeds, administrators' and guardians' bonds, marriage licenses, and lists of Revolutionary pensioners. Edited by William Armstrong Crozier. *New York: Fox, Duffield & Co.*, 1905. vii, 576 p. 8°. (Virginia County Records, Vol. 1.)

Stafford County.

Overwharton Parish, Virginia. Overwharton Parish register, 1720 to 1760. Old Stafford County. [Edited, with an introductory sketch] By Wm. F. Boogher. *Washington, D. C.: Saxton Print. Co.*, 1899. xiii (1) 195 p., 2 pl. 8°.

Local History, cont'd.

Staunton.

Gordon (Armistead C.) Staunton, Virginia. Its past, present and future. .With illustrations from photographs by Edmund Berkeley. *New York: South Pub. Co.* [189–?] 74 p., 1 l. ob. 12°.

Turner's annual Staunton city directory, 1890/91. *Yonkers, N. Y.*, 1890. 8°.

Walker (Albert E.) 1761–1906. Staunton, the Queen City. Edited and compiled by A. E. Walker. *Staunton: Augusta Prt'g Corporation* [1906]. 1 p.l., 46 p. f°. (The Dispatch and News Hist. and Indus. no.)

Hotchkiss (Jedediah). The city of Staunton, Augusta County, Virginia, and the surrounding country, their condition, resources and advantages, and the inducements they offer to those seeking homes or places for business, investments. etc... *Staunton, Va.: Spectator Steam Print. Co.*, 1878. 48 p., 1 map. 4°.

Tazewell County.

Bickley (George W. L.) History of the Settlement and Indian wars of Tazewell County, Virginia. *Cincinnati: Morgan & Co.*, 1852. xxii, 1 l., 25–267 p. illus. 8°.

Virginia Beach.

Garnett (Alexander V. P.) Observations on the sanitary advantages of tidewater Virginia, embracing Virginia Beach as a winter health resort. *Philadelphia: W. J. Dornan*, 1887. 16 p. 8°.

Repr.: Transactions of the American Climatological Association, May 31, 1887.

Virginia Springs.

Letters descriptive of the Virginia Springs, the roads leading thereto, and the doings thereat.. by Peregrine Prolix [*i. e.* P. H. Nicklin]. With a map of Virginia...Second edition, containing eight more letters. *Philadelphia: H. S. Tanner*, 1837. (4) x, 11–248 p., 1 map. nar. 16°.

Wakefield.

Washington (Thornton A.) Wakefield, Virginia, the birthplace of George Washington. *n. p.* [1884.] 22 l. 8°.

Typewritten.

Washington County.

Coale (Charles B.) The life and adventures of Wilburn Waters...embracing the early history of Southwestern Virginia. Sufferings of the pioneers, etc., etc. *Richmond: G. W. Gary & Co.*, 1878. 264 p. 12°.

Mead (E. C.) Historic homes of the Southwest Mountains, Virginia. *Philadelphia: J. B. Lippincott Co.*, 1899. 1 p.l., 275 p., 1 map, 23 pl. 8°.

Summers (Lewis Preston). History of Southwest Virginia, 1746–1786. Washington County, 1777–1870. *Richmond, Va.: J. L. Hill Printing Co.*, 1903. 921 p., 1 map, 1 port. illus. 8°.

West Point.

West Point. Blank proposal and circular... Five per cent. water bonds...Bids will be received until...October 8, 1903. [*West Point*, 1903.] 2 l. 8°.

West Point, Virginia, and King William County. *Richmond, Va.: E. Waddey*, 1888. 53 p., 1 map. 8°.

Westover.

Historic homes. Westover and its memories. The birthplace of Col. Wm. Byrd. *Baltimore, Md.*, 1888. 8 p. 8°.

Mounted clipping from the "Baltimore Sun," Oct. 6, 1888.

Williamsburg.

Bruton Parish Church, Williamsburg, Va. Commemorative of the commencement of the restoration of Bruton, the court church of colonial Virginia, Williamsburg. Sermon by B. D. Tucker, D.D...Introduction by A. M. Randolph...With a statement relative to the history and condition of this church, by Rev. W. A. R. Goodwin. *Williamsburg*, 1905. 20 p. illus. 8°.

Building of Williamsburg. (William and Mary College Quarterly, Hist. Mag., vol. 10, p. 73–92. 1901.)

Historic homes. Carter's Grove on the James; also Williamsburg, Virginia's ancient capital. *Baltimore, Md.*, 1888. 11 p. 8°.

Mounted clipping from the Baltimore Sun, September 29 1888.

Goodwin (*Rev.* William A. R.) Historical sketch of Bruton Church, Williamsburg, Virginia. [*Petersburg: Franklin Press Co.*] 1903. 183 p., 12 pl. 8°.

Memorials to be placed in Bruton Parish Church, Williamsburg, Virginia, successor to the church at Jamestown and to the Court Church of colonial Virginia. In connection with the preservation and restoration of the building. [*Petersburg: The Franklin Press Co.*, 1906.] 30 p., 2 l. illus. 8°.

Tyler (Lyon Gardiner). Bruton Church. *Richmond, Va.: Whittet & Shepperson*, 1895. 14 p., 1 pl. 8°.

Reprinted from William and Mary College Quarterly.

Tyler (Lyon Gardiner). Williamsburg, the ancient capital. (In: Historical towns of the Southern states. Edited by Lyman P. Powell. *New York*, 1900. p. 185–217. 8°.)

Virginia county records. Williamsburg wills, being transcriptions from the original files at the Chancery Court of Williamsburg. Edited by William Armstrong Crozier... *New York: the Genealogical Ass'n*, 1906. 77 p. 16°. (Virginia County Records, Vol. 3.)

Winchester.

Gruber (M. A.) Early German settlement of Winchester, Virginia. (Pennsylvania-German, Vol. 5, p. 93–94. 1904.)

Winchester.—*Common Council.* Report of committee...upon the relations of the city and the council to the Handley Board and fund. [*Winchester: Eddy Press*, 1900.] 39 p. 8°.

Yorktown.

[**Barstow** (J. L.)] Report of commissioner for Vermont, upon the Yorktown centennial celebration. [Signed by J. L. Barstow.] *Rutland: Tuttle & Co.*, 1880. 13 p. 8°.

Chamber of Commerce of the State of New York. Banquet given...in honor of the guests of

Local History, cont'd.

the nation, to the centennial celebration of the victory at Yorktown. New York, November 5th, 1881. [*New York*, 1881?] 1 p.l., ii, 1 l., 51 p., 1 pl. 8°.

[**Cooke** (J. Esten).] Old St. Peter's Church, Yorktown, Virginia. *New York*, 1874. 673–675 p. 4°.

Ext. from "Appleton's Journal," November 28, 1874.

Hope (J. B.) Arms and the man: a metrical address recited on the one hundredth anniversary (October 19th, 1881) of the surrender of Lord Cornwallis at Yorktown, on invitation of joint committee of both houses of Congress. *Norfolk: Landmark Publishing Co.*, 1882. 104 p. 12°.

New York (State).—*Governor*. Yorktown centennial. Message of the Governor and report of the commissioners of the state for the reception and entertainment of the national guests. [January 19, 1882] *n. p.* [1882.] 19 p. 8°.

Patton (J. H.) Yorktown: a compendious account of the campaign of the allied French and American forces...the succeeding events, to the treaty of peace; and the celebration of the centennial anniversary of the surrender at Yorktown. *New York: Fords, Howard & Hulbert*, 1882. vi, 1 l., 9–62 p., 1 pl., 2 maps, 5 port. 8°.

Stevens (John Austin). Yorktown centennial handbook. Historical and topographical guide to the Yorktown peninsula, Richmond, James River and Norfolk. *New York: the author*, 1881. 124 p. 8°.

Tyler (Lyon Gardiner). Memories of Yorktown... *Richmond, Va.*, 1894. 15 p. 8°.

Mounted clipping from "The Times," Richmond, Va., November 25, 1894.

Union Mutual Life Insurance Co., Portland, Me. Yorktown centennial. *n. t.-p.* [*Portland: Union Mutual Life Insurance Co.*, 1881.] 14 p., 1 l. sq. f°.

Yorktown Centennial Commission. Report of the Commission created in accordance with a joint resolution of Congress, approved March 3, 1881, providing for the erection of a monument at Yorktown, Va., commemorative of the surrender of Lord Cornwallis. *Washington: Govt. Prtg. Office*, 1883. 168 p. pap. 8°.

—— Official programme of the Yorktown centennial celebration, October 18, 19, 20, 21, 1881. Under the joint resolution of Congress of June 7, 1880. *Washington: Yorktown Centennial Commission*, 1881. 1 p.l., xi–xiv, 9 l., 17–154 p., 1 l. 8°.

Yorktown centennial illustrated. Oct., 1881, *Boston*, 1881. f°.

BOUNDARIES.

Non-Official Publications.

Byrd (William). The Westover manuscripts: containing the history of the dividing line betwixt Virginia and North Carolina; a journey to the land of Eden, A.D. 1733; and a progress to the mines. Written from 1728 to 1736, and now first published. *Petersburg: E. & J. C. Ruffin, printers*, 1841. iv, 143 (1) p. 8°.

—— History of the dividing line and other tracts. [Edited by T. H. Wynne.] *Richmond, Va.*, 1866. 2 v. 4°. (Historical Documents from the Old Dominion, no. 2–3.)

Contents: Vol. 1. History of the dividing line between Va. and North Carolina as run in 1728–29. 2. Journey to the land of Eden, anno 1733. A progress to the mines, 1732. Proceedings of the commissioners to lay out the bounds of the northern neck, lying between the rivers Potomack and Rappahannock, 1736. Essay on bulk tobacco, London, April 15, 1692. Miscellaneous papers.

—— —— Another copy, large paper.

—— The writings of "Colonel William Byrd of Westover in Virginia, Esqr." Edited by J. S. Bassett. *New York: Doubleday & Page*, 1901. lxxxviii, 461 p., 3 pl., 1 port. 4°.

Crumrine (Boyd). The boundary controversy between Pennsylvania and Virginia, 1748–1785. 2 maps. (Annals Carnegie Museum. v. 1, p. 105–524. *Pittsburgh*, 1902.)

Craig (Neville B.) Lecture upon the controversy between Pennsylvania and Virginia about the boundary line; delivered at the University Building, Dec. 5, 1843. *Pittsburgh: A. Jaynes, printer*, 1843. 30 p. 8°. (Historical Society of Western Pennsylvania.)

History of the Boundary Line Controversy between Pennsylvania, Maryland and Virginia. Illustrated by Thomas Addis Emmet, M.D. *New York*, 1886. 4°.

Four pamphlets extra-illustrated with 148 manuscripts, maps, prints, etc.

Text consists of J. H. B. Latrobe's *History of Mason and Dixon's line*, Philadelphia, 1855; N. B. Craig's *Lecture upon the controversy between Pennsylvania and Virginia*, Pittsburgh, 1843; J. Veech's *Mason and Dixon's line*, Pittsburg, 1857, and *Message from the Governor of Maryland, transmitting reports in relation to the boundary lines of Maryland, Pennsylvania, and Delaware*, Washington, 1850.

The manuscripts are listed in the *Calendar of the Emmet Collection*, nos. 14459–14606.

Paine (Thomas). Public good, being an examination into the claim of Virginia to the vacant western territory and of the right of the United States to the same: to which are added, Proposals for laying off a new state, to be applied as a fund for carrying on the war, or redeeming the public debt. *Philadelphia: John Dunlap*, 1780. 38 p. 8°.

This first edition is anonymous.

—— —— *Albany: Printed for C. R. & G. Webster* [1792]. 41 p. 8°.

—— —— *London: W. T. Sherwin*, 1817. 35 p. 8°.

Tazewell (Littleton W.) The Limits of Virginia under the Charters of King James the First. (In: Virginia Historical Register. v. 1, p. 12–18. *Richmond*, 1848.)

Thompson (George W.) Virginia; her ancient title to the northwestern territory, and her rights upon the Ohio, vindicated. *Richmond*, 1848. 8°.

Thompson (Gilbert). The geography and political boundaries of the colonies of Virginia and Maryland from the earliest date to... Apr. 19, 1775. [*Washington*, 1899.] 8 p., 1 map. 8°. (Soc. of Colonial Wars in D. C. Hist. papers. no. 1, 1899.)

Veech (J.) Mason and Dixon's line: a history, including an outline of the boundary controversy between Pennsylvania and Virginia. *Pittsburg: W. S. Haven*, 1857. iv, 58 p., 1 map. 8°.

Whealton (Louis N.) *The Maryland and Virginia boundary controversy (1668–1894)... Johns Hopkins University. [*New York:*] *A. J. Leon* [1905]. 55, vi p. 8°.

Bibliography, p. 52–55.

Boundaries, cont'd.

Official Publications.

Virginia. Resolutions and reports of commissioners on subjects of disputed boundary between state of Virginia and Pennsylvania, 1779–1780. (Hening. Statutes of Va. v. 10, p. 519–536.)

—— Correspondence between commissioners of Virginia and Maryland relative to boundary line between the two states. 4 p. (House jol. Nov. sess., 1824.)

Maryland.—*Attorney-General.* Communication from the attorney-general [Josiah Bayley] relative to the suit of Maryland against Virginia. *Annapolis: Wm. M'Neir, prtr.*, 1836. 38 p. 8°. (Md. Pub. docs. 1835.)

—— Copy of a correspondence between Governor Thomas of Maryland and Governor Tazewell of Virginia, in relation to the unsettled divisional boundary lines between the two states. *Annapolis: Jeremiah Hughes, prtr.*, 1835. 24 p. 8°. (Md. Doc. no. 1, 1835.)

—— Report of progress of the survey of the sounds lying on the Eastern shore of Virginia, Maryland and Delaware. [*Annapolis: Wm. M'Neir, prtr.*, 1835] 23 p. 8°. (Md. Pub. docs. 1835.)

Virginia.—*Governor.* Communication relating to Maryland boundary. 1835. 4 p. (H. jol. 1835. doc. 18.)

—— Report of select Com. re boundary between Ohio and Va. (H. jol. Dec. sess. 1846–7. p. 228–9.)

—— Resolution for appointment of commissioners to settle boundaries of Virginia, Ohio and Kentucky. 1847. 2 p. (House jol. Dec. 1846. doc. 47.)

—— Report of select committee on resolutions of state of Ohio in reference to boundary between Virginia and Ohio. 2 p. (House jol. Dec. 1846. doc. 53.)

Maryland. Communication from governor of Maryland to governor of Virginia, Nov. 30, 1852, reappointment of commissioners to settle boundary. 8 p. (Senate journal, Nov. 1852. doc. 2.)

Maryland. Report of the special committee of the House of Delegates of Md. on the boundaries of the state [*i.e.*, Md.-Va boundary]. *n. t.-p.* 5 p. 8°. (Md. House doc. W, 1860.)

—— Report of the special committee of the House of Delegates of Maryland on the [Va.] boundaries of the state. *n. p.*, n. d. 5 p. 8°. (Md. House doc. W, 1860.)

—— Report of the commissioners upon the question of boundary between Maryland and Virginia. *n. p.*, n. d. 8 p. 8°. (Md. House doc. F, 1860.)

Virginia. Communication from the Governor transmitting report of the commissioners on the boundary line between Virginia and Maryland. Jan. 9, 1860. 63 p. (Senate Journal. 1859. doc. 21.)

—— Report of joint commissioners on boundary line between Virginia and Tennessee. *n. t.-p.* (App. Va. governor's message, ii, 1859, p. 259–264, 1 map.)

This app. accompanies the message only as it is printed in the documents, *viz.* pt. 1 Annual Reports 1859/60.

Confederate States of America. Resolutions of the Congress relative to boundaries of Va. Jan. 23, 1862. (Virginia Sen. Jol. Session, 1861. doc. 19.) 5 p.

Maryland. Report of the select committee to whom was referred the memorial of John de la Camp, relating to the maps and survey of the boundary line between Maryland and Virginia, *Annapolis: H. A. Lucas, prtr.*, 1867. 7 p. 8°. (Md. Sen. doc. J, 1867; H. doc. I, 1867.)

—— Report of the commissioners to settle and adjust the boundary line between the states of Virginia and Maryland, appointed Dec. 22, 1870. *Annapolis: S. S. Mills & L. F. Colton, state prtrs.*, 1872. 10 p. 8°. (Md. House doc. U, 1872.)

This is really the McDonald report with the title-page of the Commissioners' report affixed and "Doc. V" printed on upper margin of title-page.

McDonald (A. W.) Extract from the report of Col. A. W. McDonald in March, 1861, to the Governor of Virginia, of the result of his mission to England to obtain maps and documents relating to the boundary line between Virginia and Maryland. *Annapolis: S. S. Mills & L. F. Colton, printers*, 1872. 13 p. 8°. (Maryland. House doc. W.)

This is really the report of the commissioners with the title page of McDonald's Extract affixed and "Doc. W" printed on upper margin of title-page.

Virginia. Communication from comrs. appointed on behalf of this state to adjust and settle boundary line between states of Va. and Maryland. 2 p. (House Journal, Session 1870–71. doc. 5.)

—— Report of committee on progress made by commissioners in settlement of boundary line between Virginia and Maryland and amount of money necessary to be appropriated to conclude a settlement. (Virginia House Journal, Dec. sess. 187, p. 493–494.)

Maryland. Report of William J. Aydelott, a member of the joint committee appointed by the General Assembly of Maryland, to adjust and mark the Eastern Shore boundary between Maryland and Virginia. *Annapolis: S. S. Mills, L. F Colton & Co., prtrs.*, 1872. 11 p. 8°. (Md. House doc. G, 1872.)

There are two House docs. lettered G.

—— Appendix to the report of the commissioners on the boundary line between the states of Virginia and Maryland. *Annapolis: S. S. Mills and L. F. Colton*, 1872. 6 p. 8°. (Md. House doc. X, 1872.)

Virginia. Report of the commissioners on boundary lines, between the State of Virginia, and the States of Maryland, North Carolina and Tennessee, read in the Senate, Jan. 17, 1872. *n. t.-p.* 1 p.l., 22 p. 8°. (Virginia. Senate.)

Virginia. Report and accompanying documents of the Virginia commissioners appointed to ascertain the boundary line between Maryland and Virginia. *Richmond: R. F. Walker*, 1873. 146, 314 p. 8°.

Virginia. Final report of the Virginia Commissioners. *Richmond: R. F. Walker, prtr.*, 1874. 221 p. 4°.

Boundaries, cont'd.

Maryland. Report and journal of proceedings of the joint comrs. to adjust the boundary line of the states of Maryland and Virginia. Authorized by the act of 1872, ch. 210. *Annapolis: S. S. Mills and L. F. Colton, prtrs. to the House*, 1874. 344 p. 8°. (Md. House doc. J, 1874; Sen. doc. E, 1874.)

Virginia. Communication from the Governor announcing the arrival of the commissioners on the part of the State of Maryland to adjust the boundary question, and transmitting a communication from said commissioners. March 17, 1874. 2 p. (Virginia Senate Jol. Jan. sess. 1874. S. doc. 16.)

—— Resolutions for settlement boundary line between the States of Maryland and Va. (*ibid.* p. 316–317.)

Maryland. Report and journal of proceedings of the joint Commissioners to adjust the boundary line of the states of Maryland and Virginia. *Annapolis: W. F. Iglehart & Co., printers*, 1874. 344 p. 8°.

Virginia. Communication from auditor of public accounts responsive to a House Resolution, transmitting statement of all appropriations for arbitration of boundary line, 1859–1889. 4 p. (Virginia House Journal, Session 1875–76. Doc. 11.)

—— Communication from the Governor transmitting a letter from the Attorney-General relative to the Virginia and Maryland boundary line, Feb. 15, 1876. (Senate Journal. Dec. session, 1875–6. S. doc. 17.)

Maryland. Correspondence of the Governor of Maryland with the Governor of Virginia in relation to the present difficulties in the waters of the Pocomoke. *Annapolis: Advertiser Office*, 1876. 32 p. 8°.

Virginia. Communication from the Governor transmitting report of commissioners to arbitrate boundary line between Virginia and Maryland. 61 p. (House Journal, Session 1876–77. Doc. 6.)

—— Communication from the Governor transmitting report of commissioners to arbitrate the boundary line between Virginia and Maryland, Jan. 19, 1877. 61 p. (Senate Journal. Session 1876–77. S. doc. 12.)

—— Communication from the Governor in relation to compensation to the commission, counsel, etc., in the Maryland and Va. boundary line case, Feb. 21, 1877. 13 p. (Senate Journal. Session 1876–77. S. doc. 16.)

—— —— Same. (House Journal, doc. 8.)

Maryland. Report of Isaac D. Jones upon the boundary line award between Maryland and Virginia to the Governor of Maryland. *Annapolis: Geo. Colton, prtr. to the General Assembly*, 1878. 8 p. 8°. (Md. Sen. Doc. N, 1878.)

Virginia. Communication from the Governor enclosing a communication from E. L. Baker, commissioner, in response to a resolution of the Senate asking information as to what progress has been made in the matter of ascertaining the boundary line between Virginia and West Virginia. Jan. 23, 1880. 2 p. (Senate Journal. Session 1879–80. S. doc. 11.)

Maryland. Report of the commissioner of Maryland for surveying and marking the boundary line between the states of Maryland and Virginia, to the Governor of Maryland, Jan. 16, 1884. *Annapolis: Jas. Young, state prtr.*, 1884. 23 p. 8°. (Md. Doc. K., 1884.)

Virginia. Communication from the Governor relating to joint jurisdiction of Virginia and Maryland over waters of Potomac River and Pocomoke sound. (Senate Journal, Dec. Sess., 1883–4. p. 298–9.)

—— 1884. Communication from the Governor in relation to boundary line between Virginia and Maryland. 28 p. (Senate Journal, 1883/84, doc. 37 and H. doc. 14.)

—— Communication from the Governor transmitting report of the Commissioner and engineer to settle boundary line between Virginia and Maryland, with statement of expences. 28 p. (House Journal. Session, 1883–4. Dec. 14. Senate Journal. Doc. 37.)

—— Communication from the Governor enclosing a letter from the Governor of North Carolina, re-appointment of commissioners to mark boundary line of Virginia and North Carolina. 1 l. (House Journal Session, 885–86. Doc. 4.)

—— Communication from the Governor inclosing a letter from commissioners to mark the boundary line between the states of Virginia and North Carolina. 1 p. (Senate Journal, 1885/6. Doc. 15.)

—— Communication from the Governor transmitting a communication from Governor of North Carolina in relation to boundary line between Virginia and North Carolina. 1 p. (Senate Journal, 1885/6. Doc. 19.)

—— Report from committee on general laws and joint resolutions appointing a joint committee to confer with a joint committee from Maryland Legislature, to establish boundary line between Maryland and Virginia. 3 p. (Senate Journal, 1889/90. Doc. 21.)

—— Report of Joint Committee relative to boundary line between Virginia and Maryland. (House Journal, Dec. Session, 1891, p. 477–478; Senate doc. 22.)

—— Report of special joint committee on the Maryland and Virginia boundary line. 3 p. (Senate Journal, 1883/4. Doc. 11.)

—— Message from the Governor, transmitting report of Commissioners of Virginia and North Carolina, appointed to define and mark boundary line between county of Mecklenburg in Virginia and counties of Warren, Vance, and Granville in North Carolina. (Senate Journal, Dec. Sess., 1895–96; p 499–502.)

—— Governor's Message, Feb. 20, 1896, on boundary line dispute between Virginia and North Carolina, with the report of the commissioners on the same. 6 p. (House Journal Sess., 1895–96. Doc. 7.)

Boundaries, cont'd.

—— Message from the Governor relative to replacing buoys along boundary line between Maryland and Virginia in Tangier and Pocomoke Sounds. (House Journal, Dec. Session, 1897. p. 493–494.)

Maryland. Report of the Commissioner [T. S. Hodson] on the part of Maryland, for the re-locating and re-marking of the boundary line between Maryland and Virginia, in Tangier and Pocomoke Sounds. [*Baltimore: Hanzsche & Co.*,] 1898. 28 p., 1 map, 1 pl. 8°.

—— Governor's special message on Virginia and Tennessee boundary line. (Sen. Jol., extra sess., 1901, p. 69; House Jol., same, p. 76–77.)

United States.—*Judiciary, Committee on.* Report [on resolution ratifying agreement between Tennessee and Virginia, with reference to the boundary line of said states]. February 19, 1901. *n.t.-p.* [*Washington*, 1901.] 3 p. 8°. (56. Cong., 2. sess., H. rept., 2910.)

PRINCIPAL ACCESSIONS IN MARCH.

Biography.

Cairnes family. A history of the family of Cairnes or Cairns and its connections. By H. C. Lawlor. *London*, 1906. 4°.

Colonna (Vittoria). Vittoria Colonna, by Maud F. Jerrold. *London*, 1906. 8°.

Coppée (François). François Coppée. Biographie critique. Par Ernest Gaubert. *Paris*, 1906. 12°.

Dewees family. By Mrs. Philip E. LaMunyan. Ellwood Roberts, ed. *Norristown, Pa.*, 1905. 8°.

Friedenwald (Aaron). Life, letters, and addresses of Aaron Friedenwald, M.D., by his son Harry Friedenwald, M.D. Printed for private circulation. *Baltimore*, 1906. 8°.

Haeckel, his life and work. By Wilhelm Boelsche. *London*, 1906. 8°.

Hawthorne (Nathaniel). The life and genius of Nathaniel Hawthorne. By Frank Preston Stearns. *Philadelphia*, 1906. 8°.

Hokusai. By Edward F. Strange. *New York*, 1906. 16°.

Howe (Samuel Gridley). Letters and journals. *Boston* [1906]. v. 1. 8°.

Irving (Sir Henry). Sir Henry Irving. By Percy Fitzgerald. *London*, 1906. 8°.

Jordaens' Leben und Werke. Von Max Rooses. *Stuttgart* [1890]. f°.

Lazarus (Moritz). Lebenserinnerungen. *Berlin*, 1906. 8°.

Leete family. By Joseph Leete and John Corbet Anderson. *London*, 1906, 4°.

Lefferts-Haughwout family. By Lefferd Merle Alexander Haughwout. *New York*, 1903. 8°.

Liebermann (Max). Max Liebermann. Von Karl Scheffler. *München* [1906]. 4°.

Mackay family. The book of Mackay. By Angus Mackay. *Edinburgh*, 1906. sq. 8°.

Maffitt (John Newland). John Newland Maffitt. By Emma Martin Maffitt. *New York*, 1906. 8°.

Merriam genealogy. By Charles Henry Pope. *Boston*, 1906. 8°.

Nevill (*Lady* Dorothy). Reminiscences. Edited by her son Ralph Nevill. *London*, 1906. 2. ed. 8°.

O'Connell (Daniel). Early life, and Journal, 1795 to 1802. By Arthur Houston. *London*, 1906. 8°.

Poe (Edgar Allan). Life and letters. By James A. Harrison. *New York* [cop. 1903]. 2 v. 12°.

Prindle genealogy. Compiled by Franklin C. Prindle. *New York*, 1906. 8°.

Rousseau (Jean Jacques). Jean Jacques Rousseau. A new criticism. By Frederika Macdonald. *New York*, 1906. 2 v. 8°.

Schoepflin (Johann Daniel). Brieflicher Verkehr mit Gönnern, Freunden und Schülern. Hrsg. von Richard Fester. *Tübingen*, 1906. 8°.

Stephen (Leslie). Life and letters. By F. W. Maitland. *New York*, 1906. 8°.

Tennyson (Alfred). A child's recollections of Tennyson. By Edith Nicholl Ellison. *New York*, 1906. 12°.

Wallace (Lew). Autobiography. *New York*, 1906. 2 v. 8°.

America.

Boucher (John N.) Westmoreland County, Pa. *New York*, 1906. 3 v. 4°.

Bourgeois (Armand). Benjamin Franklin en France. *Paris*, 1906. 4°.

Bourne (Edward Gaylord). España en America, 1450–1580. *Habana*, 1906. 8°.

Davis (William Thomas). Plymouth memories of an octogenarian. *Plymouth, Mass.* [1906] 8°.

Duke (Basil W.) Morgan's cavalry. *New York*, 1906. [2. ed.] 8°.

Forbes-Lindsay (C. H.) America's insular possessions. *Philadelphia*, 1906. 2 v. 8°.

—— Panama. *Philadelphia*, 1906. 12°.

Franz (Alexander). Die Kolonisation des Mississippi-tales. *Leipzig*, 1906. 8°.

Fulda (Ludwig). Amerikanische Eindrücke. *Stuttgart*, 1906. 12°.

Geronimo's story of his life. *New York*, 1906. 12°.

Gillespie (C. Bancroft), *and* George Munson Curtis. An historic record and pictorial description of the town of Meriden, Connecticut. *Meriden*, 1906. 2 v. in 1. 8°.

Hart (Albert Bushnell). Slavery and abolition, 1831–1841. *New York*, 1906. 8°.

Harvey (*Mrs.* Sarah Van Epps). Jubilee annals of the Lake Superior ship canal. *Cleveland*, 1906. 8°.

Hemans (Lawton T.) History of Michigan. *Lansing*, 1906. 12°.

Hewitt (Randall H.) Across the plains, and over the divide. *New York* [1906]. 12°.

Hosmer (James Kendall). The appeal to arms, 1861–1863. *New York*, 1907. 8°.

Hulbert (Archer Butler). Pilots of the Republic. *Chicago*, 1906. 8°.

Inquisicion (La) de Mexico. *México*, 1906. 8°.

Johnson (Clifton). Highways and byways of the Mississippi Valley. *New York*, 1906. 8°.

Johnson (Willis Fletcher). Four centuries of the Panama Canal. *New York*, 1906. 8°.

Kennedy (James Harrison). History of the Ohio Society of New York. *New York*, 1906. 4°.

Kimball (Gertrude Selwyn). Correspondence of William Pitt, when Secretary of State, with colonial governors and military and naval commissioners in America. *New York*, 1906. 2 v. 8°.

King (James L.) History of Shawnee county, Kansas. *Chicago*, 1905. 4°.

Koch-Gruenberg (Theodor). Indianer-typen aus dem Amazonasgebiet. *Berlin* [1906]. f°.

Langford (Nathaniel Pitt). Diary of the Washburn Expedition to the Yellowstone and Firehole rivers in the year 1870. [*St. Paul?* 1905.] 8°.

Mead (Nelson Prentiss). *Connecticut as a corporate colony. Columbia University. *Lancaster*, 1906. 8°.

Meyer (Hans). In den Hoch-Anden von Ecuador. *Berlin*, 1907. 2 v. 8° and f°.

Miller (Daniel). History of the Reformed church in Reading, Pa. *Reading*, 1905. 12°.

—— Early history of the Reformed Church in Pennsylvania. *Reading*, 1906. 12°.

Miller (Wallace Elden). *The peopling of Kansas. *Columbus*, 1906. 134 p. 8°.

Munson (George Albert). Early years in Smyrna. [*Chenango*,] 1905. 8°.

Munson (John W.) Reminiscences of a Mosby guerilla. *New York* [1906]. 8°.

Norse (The) discovery of America. *London*, 1906. 8°.

Olson (Julius Emil). *and* E. G. Bourne. The Northmen, Columbus and Cabot, 985–1503. *New York*, 1906. 8°.

Parkhurst (*Rev.* Charles Henry). A brief history of the Madison Square Presbyterian Church, and its activities. *New York*, 1906. 8°.

Peck (Harry Thurston). Twenty years of the republic, 1885–1905. *New York*, 1906. 8°.

Ravenel (*Mrs.* [Harriott Horry Rutledge]). Charleston. *New York*, 1906. 12°.

Raymer's dictionary of Spokane. *Spokane*, 1906. 16°.

Reagan (John H.) Memoirs. *New York*, 1906. 8°.

Rezek (Antoine Ivan). History of the diocese of Sault Ste. Marie and Marquette. *Houghton, Mich.*, 1906. v. 1. 4°.

Rochemonteix (Camille de). Les Jésuites et la Nouvelle-France aux xviiie siècle. *Paris*, 1906. 2 v. 8°.

Schiel (I.) Reise durch die Felsengebirge und die Humboldtgebirge nach dem stillen Ocean. *Schaffhausen*, 1859. 12°.

Smith (Margaret Bayard). The first forty years of Washington society. *New York*, 1906. 8°.

Smith (Richard). A tour of four great rivers. *New York*, 1906. 4°.

Taylor (Walter). General Lee. His campaigns in Virginia, 1861–1865, with personal reminiscences. *Norfolk* [cop. 1906]. 8°.

Torres Lanzas (Pedro), Relación descriptiva de los mapas, planos, etc., del virreinato del Perú (Perú y Chile) existentes en el Archivo General de Indias (Sevilla). *Barcelona*, 1906. nar. 12°.

Tuttle (D. S.) Reminiscences of a missionary bishop. *New York* [1906]. 8°.

Vallentin (Wilhelm). Paraguay. *Berlin*, 1907. 8°.

Virginia Company. The records of the Virginia Company of London. *Washington*, 1906. 2 v. 4°.

Walker (Alice Morehouse). Historic Hadley. *New York* [1906]. 12°.

Whitcher (William Frederick). Coventry-Benton, New Hampshire. *Woodsville, N. H.*, 1905. 8°.

Whittemore (Henry). History of Montclair township, state of New Jersey. *New York*, 1894. 4°.

Young (Filson). Christopher Columbus. *London*. 2 v. 8°.

Europe.

Hoffman (Charles). L'Alsace au dix-huitième siècle. *Colmar*, 1906. 2 v. 8°.

Hohenlohe-Schillingsfürst, *Fürst.* Denkwürdigkeiten. *Stuttgart*, 1907. 2 v. 8°.

Hopf (Wilhelm). Die deutsche Krisis des Jahres 1866. *Hannover*, 1906. 3. ed. 8°.

Howard (Burt Estes). The German empire. *New York*, 1906. 8°.

Howells (William Dean). Certain delightful English towns. *New York*, 1906. 8°.

Hutton (Edward). Sigismondo Pandolfo Malatesta, lord of Rimini. *London*, 1906. 8°.

Kovalewsky (Maxime Maksimovich). La crise Russe. *Paris*, 1906. 12°.

Kramar (Karel). Anmerkungen zur böhmischen Politik. *Wien*, 1906. 8°.

Lanciani (Rodolfo). The golden days of the Renaissance in Rome. *Boston*, 1906. 8°.

Lathrop (Elise). Where Shakespeare set his stage. [*New York*, 1906.] 8°.

Lee (Heinrich). Deutsche Städtebilder aus dem Anfange des 20. Jahrhunderts. *Berlin* [1906]. 12°.

Lenotre (G.) The flight of Marie Antoinette. *London*, 1906. 8°.

Limanowski (Boleslaw). Stuletnia walka narodu polskiego o niepodleglosc. [History of Poland, 1795–1895.] *Lwów*, 1906. 12°.

Lorin (Henri). La France puissance coloniale. *Paris*, 1906. 8°.

Meakin (Annette M. B.) Russia: travels and studies. *London*, 1906. 8°.

Megyery (Etienne de). Les institutions pénitentiaires de la Hongrie. *Budapest*, 1905. 8°.

O'Brien (William). Recollections. *London*, 1905. 8°.

Perthes (Justus). Taschen-Atlas vom Deutschen Reich. *Gotha*, 1907. 16°.

Petrunkevich (I.), *and others.* Zur Agrarbewegung in Russland. *Leipzig*, 1907. 8°.

Posadowsky-Wehner (Artur), *Graf.* Graf Posadowsky als Finanz-Sozial-und Handelspolitiker, *Leipzig*, 1907. v. 1. 4°.

Perris (G. H.) Russia in revolution. *London*, 1905. 2. ed. 8°.

Petre (F. Loraine). Napoleon's campaign in Poland, 1806–07. *London*, 1907. new ed. 8°.

S. Det nye Norge. *Kristiania* [1905]. 8°.

St. Paul's Church, London. Registers. Ed. by the Rev. William H. Hunt. *London*, 1906. 2 v. 4°. (Harleian Soc.)

Saxo Grammaticus. Danish history. Translated by Oliver Elton. *London* [1906]. 2 v. 8°.

Shearer (John E.) Old maps and map-makers of Scotland. *Stirling*, 1905. 4°.

Sherard (Robert Harborough). Twenty years in Paris. *London*, 1906. 2. ed. 8°.

Somersetshire, England. Pedes finium. By Emanuel Green. Ser. I. [*London,*] 1892–1907. 8°.

Stubbs (Charles W.) The story of Cambridge. *London*, 1905. 16°.

Visitation (A) of the County of Kent, begun anno Dni. MDCLXIII, finished anno Dni. MDCLXVIII. Edited by Sir George J. Armytage. *London*, 1906. 4°. (Harleian Society, Publications. v. 54.)

Whitty (Edward Michael). St. Stephen's in the fifties. *London*, 1906. 8°.

Wood (*Sir* Henry Evelyn). From midshipman to field marshal. *London* [1906]. 2 v. 3. ed. 4°.

Zabel (Eugen). Russische Kulturbilder. *Berlin*, 1907. 12°.

Zimmern (Helen). The Italy of the Italians. *London*, 1906. 12°.

Africa.

Dennett (R. E.) At the back of the black man's mind; or, notes on the kingly office in West Africa. *London*, 1906. 8°.

Handley (Clement). Briton, Boer, and Black. *London*, 1906. 8°.

Lloyd (Albert B.) Uganda to Khartoum. *London*, 1906. 8°.

Lorimer (Norma). By the waters of Carthage. *London*, 1906. 8°.

Pier (Garrett Chatfield). Egyptian antiquities in the Pier collection. Pt. 1. *Chicago*, 1906. sq. 4°.

Paasche (Hermann). Deutsch-Ostafrika. *Berlin*, 1906. 8°.

Rouget (Fernand). L'expansion coloniale au Congo Français. *Paris*, 1906. 4°.

Asia, Australia, and Pacific Islands.

Doflein (Franz). Ostasienfahrt. *Leipzig*, 1906. 8°.

Filchner (Wilhelm). Das Rätsel des Matschu. Meine Tibet-Expedition. *Berlin*, 1907. 8°.

Foster (William). The English factories in India, 1618–1621. *Oxford*, 1906. 8°.

Gaisman (Albert). L'œuvre de la France au Tonkin. *Paris*, 1906. 8°.

Kennedy (Pringle). A history of the great Moghuls. *Calcutta*, 1905. v. 1. 8°.

Krämer (Augustin). Hawaii, Ostmikronesien und Samoa. *Stuttgart*, 1906. 8°.

Loti (Pierre). India. *London* [1906]. 8°.

Ollone (H. d'). La Chine novatrice et guerrière. *Paris*, 1906. 12°.

Salesius, Pater. Die Karolinen-Insel Jap. *Berlin* [1906]. 8°.

Sherring (Charles A.) Western Tibet and the British Borderland. *London*, 1906. 8°.

Swettenham (*Sir* Frank). British Malaya. *London*, 1907. 8°.

Thomas (N. W.) Natives of Australia. *London*, 1906. 8°.

Thurston (Edgar). Ethnographic notes in southern India. *Madras*, 1906. 8°.

Winckler (Hugo). Auszug aus der Vorderasiatischen Geschichte. *Leipzig*, 1905. 8°.

Jews.

Doellinger (John J. I.) The Gentile and the Jew. *London*, 1906. 2. ed. 2 v. 8°.
Schiff Collection.

Dujardin (Éduard). La source du fleuve chrétien. [v.] 1. *Paris*, 1906. 12°.
Schiff Collection.

Gudemann (M.) Le Judäisme. *Paris*, 1906. 8°.
Schiff Collection.

Kaufmann (David). Katalog der hebräischen Handschriften und Bücher in der Bibliothek des Professors... D. Kaufmann... Beschrieben von Max Weiss. *Frankfurt a. M.*, 1906. 8°.
Schiff Collection.

Modena (Leo). Leo Modenas Briefe und Schriftstücke. *Budapest*, 1905. 8°.
Schiff Collection.

Nachman of Braslav. Die Geschichte des Rabbi Nachman. *Frankfurt a. M.*, 1906. 8°.
Schiff Collection.

Talmud. Tales from the Talmud. By E. R. Montague. *Edinburgh*, 1906. 12°.
Schiff Collection.

Zohar. Sépher ha-Zohar. v. 1. *Paris*, 1906.
Schiff Collection.

Art.

Bertels (Kurt). Francisco Goya. *München*, 1907. 4°.

Cust (A. M.) The ivory workers of the Middle Ages. *London*, 1906. 16°.

Cust (Robert H. H.) The pavement masters of Siena (1369–1562). *London*, 1906. 16°.

Eudel (Paul). Dictionnaire des bijoux de l'Afrique du Nord. *Paris*, 1906. 4°.

Fogolari (Gino). Cividale in Friuli. *Bergamo*, 1906. 4°.

Hayden (Arthur). Chats on old prints. *New York*, 1906. 8°.

Hammitzsch (Martin). Der moderne Theaterbau. Th. 1. *Berlin*, 1906. 4°.

Herder's Bilderatlas zur Kunstgeschichte. *Freiburg i. B.* [1906] ob. 4°.

Justice (Jean). Le graveur P. J. J. Tiberghien. *Bruxelles*, 1905. 8°.

Lambert (André), *and* Eduard Stahl. Alt-Stuttgarts Baukunst. *Stuttgart* [1906]. f°.

Levussove (M. S.) The new art of an ancient people. The work of Ephraim Mose Lilien. *New York*, 1906. 8°.
Schiff Collection.

Sculpture (La) moderne. Album No. 1. *Paris*, 1896. f°.

Stephan (Emil). Südseekunst. *Berlin*, 1907. 4°.

Titian. Il trionfo della fede. Holzschnittfolge nach Tizians Zeichnung, hrsg. von Paul Kristeller. *Berlin* [1906]. ob. f°.

Triggs (Harry Inigo). The art of garden design in Italy. *London*, 1906. f°.

Walters (Henry Beauchamp). The art of the Greeks. *London*, 1906. 4°.

Weddigen (Otto). Geschichte der Theater Deutschlands. *Berlin* [1906]. 2 v. 4°.

Wyndham (Henry Saxe). The annals of Covent Garden Theatre, from 1732 to 1897. *London*, 1906. 2 v. 8°.

Music.

Dry (Wakeling). Giacomo Puccini. *London*, 1906. 12°.

Evans (Edwin). Tchaikovsky. *London*, 1906. 12°.

Indy (Vincent d'). César Franck. *Paris*, 1907. 2. ed. 8°.

Lewis (Mary E.) The ethics of Wagner's The ring of the Nibelung. *New York*, 1906. 8°.

Molitor (Raphael). Deutsche Choral-Wiegendrucke. *Regensburg*, 1904. f°.

Reinecke (W.) Die Kunst der idealen Tonbildung. *Leipzig*, 1906. 8°.

Valentin (Caroline). Geschichte der Musik in Frankfurt a. M. *Frankfurt a M.*, 1906. 8°.

Weber (H.) A text-book for the study of harmony. *New York* [1906]. 8°.

American and English Literature.

Arthurian (The) tales . . . edited from the text of the edition of 1634 . . . by Ernest Rhys. *London*, 1906. 8°.

Barrie (J. M.) Peter Pan in Kensington Gardens. *New York*, 1906. 4°.

Cestre (Charles) La révolution française et les poètes anglais (1789–1809). *Paris*, 1906. 8°.

Gregory (*Lady* Augusta). A book of saints and wonders. *Dundrum*, 1906. 8°.

Holliday (Carl). A history of southern literature. *New York*, 1906. 8°.

Housman (A. E.) A Shropshire lad. *London*, 1906. 16°.

Hull (Eleanor). A text book of Irish literature. Part 1, *Dublin*, 1906. 12°.

Kipling (Rudyard). Puck of Pook's Hill, *New York*, 1906. 8°.

Kobbé (Gustav). My rosary, and other poems. *New York*, 1896. 12°.

Lamb (Charles). Letters. *Boston: The Bibliophile Soc.*, 1905. f°.
Gift of Mrs. Henry Draper.

Lang (Elsie M.) Literary London. *London* [1906]. 12°.

Lodge (George Cabot). The great adventure. *Boston*, 1905. 12°.

Lounsbery (Grace Constant). Love's testament. A sonnet sequence. *London*, 1906. 12°.

Lounsbury (Thomas R[aynesford]). The text of Shakespeare. *New York*, 1906. 8°.

Lydgate (John). A lytell treatyse of the horse, the sheep and the ghoos. Printed at Westminster by Wynkyn de Worde about 1499. *Cambridge*, 1906. 14 l., 1 pl. 4°.

Macculloch (J. A.) The childhood of fiction: a study of folk tales and primitive thought. *London*, 1905. 8°.

Mackaye (Percy). Jeanne d'Arc. *New York*, 1906. 12°.

Macleod (Fiona), *pseud. of* William Sharp. Where the forest murmurs. Nature essays. *New York*, 1906. 8°.

Masefield (John). A sailor's garland. *New York*, 1906. 12°.

Mifflin (Lloyd). My lady of dream. [Poems.] *London*, 1906. 8°.

Noyes (Alfred). Drake: an English epic Book. *Edinburgh*, 1906. 12°.

—— Poems. *New York*, 1906. 12°.

Oberholtzer (Ellis Paxson). The literary history of Philadelphia. *Philadelphia* [1906]. 8°.

Ormerod (Oliver). The writings of Oliver Ormerod. With a memoir of the author, by Hy. Colley March. *Rochdale*, 1901. 12°.

Page (Thomas Nelson). The coast of Bohemia. [Poems.] *New York*, 1906. 12°.

Patmore (Coventry). Poems. *London*, 1906. 8°.

Queen (The), or The excellency of her sex. Nach der Quarto 1653, in Neudruck hrsg. von W. Bang. *Louvain*, 1906. 4°.

Quiller-Couch (A. T.) The pilgrims' way. A little scrip of good counsel for travellers. *New York*, 1907. 16°.

—— Sir John Constantine. *New York*, 1906. 12°.

Reeve (James Knapp). Practical authorship. *New York City* [cop. 1905]. 8°.

Root (Robert Kilburn). The Poetry of Chaucer. *Boston*, 1906. 12°.

Schofield (William Henry). English literature from the Norman Conquest to Chaucer. *New York*, 1906. 12°.

Sheehan (Patrick A.) Early essays and lectures. *London*, 1906. 8°.

Sherman (Frank Dempster), *and* C. Scollard. A southern flight. *Clinton, N. Y.*, 1905. 8°.

Sinton (*Rev.* Thomas). The poetry of Badenoch. *Inverness*, 1906. 8°.

Stevens (Bertram). An anthology of Australian verse. *Sydney*, 1906. 16°.

Stickney (Joseph Trumbull). Poems. *Boston*, 1905. 12°.

Stokes' encyclopedia of familiar quotations. *New York*, 1906. 8°.

Symons (Arthur). The fool of the world and other poems. *London*, 1906. 8°.

Torrey (Bradford). Friends on the shelf. *Boston*, 1906. 12°.

Travers (Rosalind). The two Arcadias. *London*, 1905. 12°.

Wade (Mrs. Mary Hazleton). Indian fairy tales. *Boston* [1906]. 12°.

Wallace (Rena). A bush girl's songs. *Sydney*, 1905. 12°.

Whimsey (A) anthology. Collected by Carolyn Wells. *New York*, 1906. 12°.

Whitney (Anne). Poems. *Boston*, 1906. 12°.

Foreign Literature.

Besenval (Pierre [Victor] de), *baron*. Erzählungen. *Leipzig*, 1906. 8°.

Boerne (Ludwig). Gesammelte Schriften. *Leipzig* [1906?]. 8 v. in 3. 16°.

Dasent (*Sir* George Webbe). Popular tales from the Norse and North German. *London*, 1906. 8°.

Eddas. The Elder Eddas, of Saemund Sigfusson. Translated from the original old Norse text into English by Benjamin Thorpe. And the younger Eddas of Snorre Sturleson, translated from the original old Norse text into English by I. A. Blackwell. *London*, 1906. 8°.

Etcheberri (Joannes d'). Obras Vascongadas. *Paris*, 1907. 4°.

Fronto (Marcus Cornelius). M. Cornelii Frontonis aliorvmqve reliqviæ qvæ codice Vaticano 5750 rescriptio continentvr. *Mediolani*, 1906. f°.

Gardner (Edmund G.) The king of court poets. A study of the work, life and times of Lodovico Ariosto. *London*, 1906. 8°.

Génella (Raoul), *and others*. Anthologie algérienne. *Alger*, 1906. 16°.

Giraud (Victor). Livres et questions d'aujourd'hui. *Paris*, 1907. 12°.

Helm (Rudolf). Lucian und Menipp. *Leipzig*, 1906. 8°.

Ilg (Bertha). Maltesische Märchen und Schwänke. *Leipzig*, 1906. 2 v. 8°.

Karásek (Josef). Slavische Literaturgeschichte. *Leipzig*, 1906. 2 v. 24°.

La Chesnay (Jehan de). Proverbes Vendéens. *Paris*, 1906. 4°.

Lucilius (Caius). C. Lucilii Carminum reliquiæ, recensuit enarrauit Fridericus Marx. *Lipsiæ*, 1905. 2 v. 8°.

Njals saga. The story of Burnt Njal. *London*, 1906. 8°

Petsch (Robert). Freiheit und Notwendigkeit in Schillers Dramen. *München*, 1905. 8°.

Rodriguez Alcalá (José Maria). Camino de Abrojos. Novela. *Madrid*, 1906. 12°.

Snorre Sturleson. The Heimskringla. *London*, 1906. 8°.

Speck (Hermann B. G.) Katilina im Drama der Weltliteratvr. *Leipzig*, 1906. 8°.

Thureau-Dangin (François). Les inscriptions de Sumer et d'Akkad. Transcription et traduction par François Thureau-Dangin. *Paris*, 1905. 8°.
Schiff Collection.

Ugarte (Manuel). La joven literatura hispanoamericana. Antologia de prosistas y poetas. *Paris*, 1906. 12°.

Volsunga saga. Translated from the Icelandic by Eirikr Magnusson and William M. Morris. *London*, 1906. 8°.

Wagner (Wilhelm). Romances and epics of our northern ancestors. *London*, 1906. 8°.

Mathematical and Physical Sciences.

Andoyer (H.) Cours d'astronomie. Pt. 1. *Paris*, 1906. 4°.

Armitage (P.) A history of chemistry. *London*, 1906. 12°.

Gehrcke (Ernst). Die Anwendung der Interferenzen in der Spektroskopie und Metrologie. *Braunschweig*, 1906. 8°.

Gibbs (Josiah Willard). The scientific papers of J. Willard Gibbs. *London*, 1906. 2 v. port. 8°.

Maillet (Edmond). Introduction à la théorie des nombres transcendants et des propriétés arithmétiques des fonctions. *Paris*, 1906. 8°.

Lanner (Alois). Neuere Darstellungen der Grundprobleme der reinen Mathematik im Bereiche der Mittelschule. *Berlin*, 1907. 8°.

Nielsen (Niels). Theorie des Integrallogarithmus und verwandter Transzendenten. *Leipzig*, 1906. 8°.

Biological Sciences.

Coupin (H.), *and* John Lea. The romance of animal arts & crafts. *Philadelphia*, 1907. 12°.

Hertwig (Oscar). Die Elemente der Entwicklungslehre des Menschen und der Wirbeltiere. *Jena*, 1907. 3. ed. 8°.

Le Double (Anatole F.) Traité des variations des os de la face de l'homme et de leur signification au point de vue de l'anthropologie zoologique. *Paris*, 1906. 8°.

Lusk (Graham). The elements of the science of nutrition. *Philadelphia*, 1906. 8°.

Prinzing (Friedrich). Handbuch der medizinischen Statistik. *Jena*, 1906. 8°.

Sollers (William). A handbook of legal medicine intended for the use of the legal profession. *Manchester*, 1906. 12°.

Philology.

Booch-Arkossy (Federico). Nuevo diccionario de las lenguas castellana y alemana. *Leipsiane*, 1897. 8. ed. 2 v. 12°.

Colby (James Waldo). An easy introduction to the old Indian language of the Atlantic coast. *Waltham* [1906]. 16°.

Gutjahr (Emil A.) Zur Entstehung der neuhochdeutschen Schriftsprache. Bd. 2. *Leipzig*, 1906. 8°.

Meinhof (Karl). Grundzuege einer vergleichenden Grammatik der Bantusprachen. *Berlin*, 1906. 8°.

Rabben (Ernst). Die Gaunersprache (chochum loschen). *Hamm i. Westf.*, 1906. 12°.

Seidel (A.) Praktische Grammatik der Suaheli-Sprache. *Wien* [1906]. 2. ed. 12°.

Thomann (Georges). Essai de manuel de la langue néouolé parlée dans la partie occidentale de la Côte d'Ivoire. *Paris*, 1905. 4°.

Toscanne (Paul). Les signes sumériens dérivés (Les Gunû). Préface de M. J. Oppert. *Paris*, 1905. 4°.

Yondrak (Wenzel). Vergleichende slavische Grammatik. Bd. 1. *Göttingen*, 1907. 8°.

Sociology.

Ashbee (Charles Robert). Socialism and politics. [*London*, 1906.] 8°.

Barker (E.) The political thought of Plato and Aristotle. *London* [1906]. 8°.

Coulon (Henri). Manuel-formulaire du divorce et de la séparation de corps. *Paris*, 1891. 5. ed. 12°.

Cross (Alfred W. S.) Public baths and washhouses. *London*, 1906. 4°.

Faure (Fernand). Éléments de statistique. *Paris*, 1906. 12°.

Génestal (R.) Histoire de la légitimation des enfants naturels en droit canonique. *Paris*, 1905. 8°.

Huber (F. C.) Die Handelskammern, ihre Entwicklung und ihre künftigen Aufgaben für Verwaltung und Volkswirtschaft. *Stuttgart*, 1906. 4°.

Kropotkin (Piotr Aleksyeyevich). The conquest of bread. *London*, 1906. 8°.

Kuentstlerische (Die) Gestaltung des Arbeiter-Wohnhauses. 14. Konferenz der Centralstelle...am 5. und. 6. Juni 1905 in Hagen i. W. *Berlin*, 1906. 8°.

Kun (Béla), *and* Etienne Láday. La lutte contre la criminalité des mineurs en Hongrie. *Budapest*, 1905. 8°.

Lafargue (Paul). Social and philosophical studies. *Chicago*, 1906. 16°.

Levy (Oscar). The revival of aristocracy. Translated by Leonard A. Magnus. *London*, 1906. 12°.

Macgregor (D. H.) Industrial combination. *London*, 1906. 8°.

Mercier (Charles Arthur). Criminal responsibility. *Oxford*, 1905. 8°.

Patoux ( ), *abbé*. Le socialisme. Ce qu'il est. *Paris* [1906]. 8°.

Plothow (Anna). Die Begründerinnen der deutschen Frauenbewegung. *Leipzig*, 1907. 5. ed. 12°.

Pongratz (Georg). Allgemeine Statistik über die Taubstummen Bayerns. *München*, 1906. 8°.

Primrose (Deborah), *and* M. N. Zepler. Die Schönheit der Frauengestalt. *Esslingen* [1906]. 16°.

Privat-Aubouard (A.) * Du controle de l'État sur les assurances sur la vie et les assurances contre les accidents. *Paris*, 1906. 8°.

Redlich (Josef). Local government in England. *London*, 1903. 2 v. 8°.

Rhead (George Wolliscroft). Chats on costume. *New York*, 1906. 8°.

Ritter (Paul). Die Entschädigungsforderungen aus dem Eisenbahnfrachtrecht. *Leipzig*, 1906. 12°.

Robbins (Hayes). Labor, capital and the public. *Chicago*, 1905. 12°.

Scelle (Georges). La traité négrière aux Indes de Castille. Contrats et traités d'assiento. Préface de M. A. Pillet. *Paris*, 1906. 2 v. 4°.

Schnitzler (Paul C.) Wegweiser für den Rechtsverkehr zwischen Deutchland und den Vereinigten Staaten von Amerika. *Berlin*, 1903. 8°.

Stein (Erwin). Arbeitgeber u. Arbeitnehmer. Ein Wort zur Arbeiterbewegung unserer Tage. *Dresden*, 1906. 12°.

Steiner (Edward A.) On the trail of the immigrant. *New York* [1906]. 8°.

Stickney (Albert). Organized democracy. *Boston*, 1906. 12°.

Train (Arthur). The prisoner at the bar. *New York*, 1906. 8°.

Ullrich (Otto). Die Steuerkommissionen in Niederösterreich. *Wien*, 1906. 8°.

Ward (Lester Frank). Applied sociology. *Boston* [1906]. 8°.

Washington (Booker Taliaferro). Putting the most into life. *New York* [1906]. 12°.

Webb (Sidney *and* Mrs. B. P.) English local government. *London*, 1906. v. 1. 8°.

Wendt (Georg von). Die Proportionalwahl zur finnischen Volksvertretung. *Leipzig*, 1906. 8°.

Young (T. E.) Insurance. A practical exposition for the student and business man. *New York* [1907]. 8°

Zartman (Lester W.) The investments of life insurance companies. *New York*, 1906. 8°.

Economics.

Boelcke (M.) Die Entwicklung der Finanzen im Grossherzogtum Sachsen-Weimar von 1851 bis zur Gegenwart. *Jena*, 1906. 8°.

Bridrey (Émile). La théorie de la monnaie au xive siècle. Nicole Oresme. Étude d'histoire des doctrines et des faits économiques. *Paris*, 1906. 4°.

Crozier (John Beattie). The wheel of wealth: being a reconstruction of the science and art of political economy on the lines of modern evolution. *New York*, 1906. 8°.

Dietzel (Gottlob Heinrich Andreas). Retaliatory duties. *London*, 1906. 12°.

Dole (Charles Fletcher). The spirit of democracy. *New York*, 1906. 8°.

Fontana-Russo (Luigi). Trattato di politica commerciale. *Milano*, 1907. 8°.

Jay (Raoul). La limitation légale de la journée de travail en France. *Paris*, 1906. 12°.

Kaulla (Rudolf). Die geschichtliche Entwicklung der modernen Werttheorien. *Tübingen*, 1906. 8°.

Landmann (Julius). Das schweizerische Bankgesetz. *Zürich*, 1905. 8°.

Leacock (Stephen). Elements of political science. *London*, 1906. 8°.

Schloegl (Emanuel). Die oesterreichisch-ungarische Bank. *Tetschen a. d. Elbe*, 1906. 8°.

Smith (Charles William). International commercial and financial gambling in "options and futures"...the economic ruin of the world. *London*, 1906. 8°.

Viallate (Achille). La crise anglaise. Impérialisme et protection. *Paris*, 1905. 12°.

Industries and Industrial Arts.

Altona, *Prussia.* Bau-Ordnung für die Stadt Altona vom 15 Nov., 1892, in der durch die Nachträge I–IX vom 13/6, 1905... und 6/2, 1906, abgeänderten Fassung. [*Altona,*] 1906. 1 p.l., 51 p. 8°.

Atlas Portland Cement Co. Concrete country residences. *New York: The Company* [cop. 1906]. 94 p. plans, pls. f°.

Baxter (William), *jr.* Switchboards: for power, light and railway service—direct and alternating current—high and low tension. *New York:* [*Derry-Collard Co.,*] 1906. 192 p. 8°.

Biles (J. H.) The steam turbine as applied to marine purposes. A series of lectures delivered before the Royal Scottish Soc. of Arts in Edinburgh, 1906. With illustrations. *London: C. Griffin & Co., Ltd.*, 1906. vii, 126 p. 8°.

Birchmore (Woodbridge Hall). The interpretation of gas analysis. *New York: D. Van Nostrand Co.*, 1906. xvi, 75 p. 12°.

Birven (Heinrich). Konstruktion und Berechnung ein- und mehrphasiger Wechselstromgeneratoren. *Leipzig: Hachmeister & Thal*, 1906. viii, 118 p., 1 l., 4 pl. ill. 8°.

Brandner (Emil). Das Schaufenster des Buch-, Papier-, und Schreibwarenhändlers. *Leipzig: G. Uhl* [1906]. 36 p. 8°.

Deutschen (Die) elektrischen Strassenbahnen Sekundär-, Klein- und Pferdebahnen sowie die elektrotechnischen Fabriken, Electricitätswerke samt Hilfsgeschäften im Besitze von Aktien-Gesellschaften. Ausgabe 1906/1907. *Berlin: Verlag für Börsen- und Finanzliteratur*, 1906. x, 399 (1) p. 10. ed. 8°.

Ebner (F.) Leitfaden der technisch wichtigen Kurven...Mit 93 Figuren im Text. *Leipzig: B. G. Teubner*, 1906. viii, 198 p. 8°.

Fletcher (S. W.) Soils. How to handle and improve them. Illustrated from photographs by the author. *New York: Doubleday, Page & Co.*, 1907. xxviii, 438 p., 32 pl. 8°. (The farm library.)

Foster (Frank). Engineering in the United States. A report to the electors to the Gartside scholarships on the results of a tour in the United States in 1904–05. *Manchester: The Univ. Press*, 1906. x, 1 l., 105 (1), ix p. 8°. ([Victoria] Univ., Manchester, Engl. Publ. of the University of Manchester. No. 22. Econ. ser. No. 4.)

Freeman (John R.) On the safeguarding of life in theaters... An address [to] the [American] Society [of Mechanical Engineers], Dec. 4, 1905. [*New York: The Society,*] 1906. 106 p. 8°.

Garbe (Robert). Die Dampflokomotiven der Gegenwart. Betrachtungen über den Bau und Betrieb, unter besonderer Berücksichtigung der Erfahrungen an den mit Schmidtschen Überhitzereinrichtungen gebauten Heissdampflokomotiven der preussischen Staatseisenbahnverwaltung. *Berlin: J. Springer*, 1907. xvi, 500 p., 1 l., 24 plans. illus. 4°.

Goss (William Freeman Myrick). Locomotive performance. The result of a series of researches conducted by the engineering laboratory of Purdue University. *New York: J. Wiley & Sons*, 1907. xvi, 439 p. illus. 8°.

Henderson (Reuben Stewart). Railroad curve tables, containing a...table of functions of a one-degree curve...with various other tables and formulas...etc. *New York: Engineering News Pub. Co.*, 1906. 2 p.l., 69 p. 12°.

Himbeck (A.), *and* O. Bandekow. Wie baut und betreibt man Kleinbahnen? Auf Veranlassung des Königlich Preussischen Ministers der öffentlichen Arbeiten. *München: R. Oldenbourg*, 1906. iv., 1 l., 84 p. 8°.

Horner (Joseph Gregory). Practical metal-turning: a handbook for engineers, technical students, and amateurs. *London: Crosby Lockwood & Son*, 1906. xii, 404 p. illus. 8°.

Re-issue of "Engineers' Turning."

Johnson (Emory Richard). Ocean and inland water transportation. *New York: D. Appleton & Co.*, 1906. xxii, 395 p., 3 facsim., 1 map. 12°. (Appleton's business series.)

Kammerer ( ). Die Technik der Lastenförderung einst und jetzt. Eine Studie über die Entwicklung der Hebemaschinen und ihren Einfluss auf Wirtschaftsleben und Kulturgeschichte. Mit Schmuck von O. Blümel. *München: R. Oldenbourg*, 1907. viii, 262 p. 8°.

Kennelly (Arthur Edwin). Wireless telegraphy. An elementary treatise. *New York: Moffatt, Yard & Co.*, 1906. v, 1 l., 211 p. illus. 12°.

Leffler (Burton R.) The elastic arch, with special reference to the re-enforced concrete arch. *New York: Henry Holt Co.*, 1906. viii, 57 p., 3 diag., 2 tab. 12°.

McPherson (Logan Grant). The working of the railroads. *New York: H. Holt & Co.*, 1907. 273, i–viii p. 12°.

Manwood (John). A treatise of the lawes of the forest...Also a treatise of the pourallee...Collected, as well out of the common lawes and statutes of this land, as also out of sundrie learned auncient authors...Whereunto are added the statutes of the forest, a treatise of the severall offices of verderors, regardors, and foresters. *London: Printed for the Societie of Stationers*, 1615. 15 p.l., 259 p. sq. 12°.

Marks (A. A.) Manual of artificial limbs. Copiously illustrated. Artificial toes, feet, legs, fingers, hands, arms for amputations and deformities, appliances for excisions...etc. An exhaustive exposition of prothesis. *New York: The Author*, 1906. 430 p., 1 l. 8°.

Merriman (Mansfield). Elements of precise surveying and geodesy. *New York: J. Wiley & Sons*, 1906. 2 p.l., 3–261 p. 2. ed. 8°.

—— Elements of sanitary engineering. *New York: J. Wiley & Sons*, 1906. 1 p.l., 250 p. 3. ed. 8°.

Muckensturm (Louis Jacques). Louis' salads and chafing dishes. *Boston: H. M. Caldwell Co.* [cop. 1906] 113 p. port. nar. 4°.

Mueller-Lubitz (Anna). Pasteten, Ragout und Frikassee-Küche. 120 ausgewählte und bewährte Rezepte. *Berlin: W. Vobach & Co.* [1906] 108 p., 2 l. 12°. (Spezial-Kochbücher für die praktische Hausfrau. xvi.)

Mylius ( ), *and* ( ) ISPHORDING. Der Wasserbau an den Binnenwasserstrassen. Ein Lehr- und Handbuch für Stromaufsichtsbeamte der preussischen Wasserbauverwaltung. Im Auftrage des Ministeriums der Öffentlichen Arbeiten. T. 2. *Berlin: W. E. Ernst & Sohn*, 1906. 8°.

Pfarr (A.) Die Turbinen für Wasserkraftbetrieb. Ihre Theorie und Konstruktion. Text [and] Atlas. *Berlin: J. Springer*, 1907. 2 v. 4°.

Popplewell (Frank). Some modern conditions and recent developments in iron and steel production in America. A report to the electors to the Gartside scholarships on the results of a tour in the United States in 1903–04. *Manchester: The University Press*, 1906. x, 1 l., 119, vi p., 1 l., 1 pl. 8°. ([Victoria] Univ. of Manchester, Eng. Publ. of the Univ. of Manchester. No. 21. Econ. ser. No. 3.)

Reid (Homer A.) Concrete and reinforced concrete construction. *New York: The Myron C. Clark Pub. Co.*, 1907. xviii, 884 p. illus. 8°.

Reissner (H.) Amerikanische Eisenbauwerkstätten. Bericht...Mit...Figuren und...Tabellen. *Berlin: R. Dietze*, 1906. 2 p.l., 76 p., 11 pl. f°.

Schvindt (Theodor). Suomalaisia kornsteita [Finnish needle work]. [Pt.] 1. *Helsingissä: Weilin ja Göös*, 1895. 8°. (Suomalaisen Kirjall. Seura. Toimituksia. Osa 851.)

[Pt.] 1. Ompelukoristeita ja kuoseja.
Title also in German.

Starbuck (Robert Macy). Modern plumbing illustrated. A comprehensive and thoroughly practical work on the modern and most approved methods of plumbing construction. The standard work for plumbers. *New York: The Norman W. Henley Pub. Co.*, 1907. 392 p. illus. 4°.

Stier (Georg Th.), *the elder*. Der praktische Werkmann. Hand-, Hilfs- und Lehrbuch für Schlosser, Mechaniker, Werkzeugmacher...mit besonderer Berücksichtigung der Lehrlingsausbildung und zum Selbstunterricht. Mit Abbildungen u. Tabellen. *Leipzig: M. Schäfer*, 1906. vii, 637 p., illus. 4°.

Strecker (Karl). Hilfsbuch für die Elektrotechnik. Unter Mitwirkung namhafter Fachgenossen bearbeitet und herausgegeben. *Berlin: Julius Springer*, 1907. xii, 966 p., 1 l., 57 p. 7. ed. illus. 8°.

MILITARY AND NAVAL ART AND SCIENCE.

Dreihardt (C.) Der Schraubenpropeller (Schiffsschraube), Konstruktion und Berechnung desselben. *Berlin: M. Krayn*, 1906. 61 p., 6 pl. 8°.

Holmes (*Sir* George C. V.) Ancient and modern ships. *London: Wyman and Sons*, 1906. 2 v. 8°. (Victoria and Albert Museum, Science Handbooks.)

Mérys (Michel), *pseud. of* G. BLANCHON. La guerre navale moderne: de Lissa à Tsoushima. Préface de M. le vice-amiral Humann. *Paris: A. Challamel*, 1906. 176 p. 12°.

Paullin (Charles Oscar). The navy of the American Revolution. Its administration, its policy, and its achievements. *Cleveland: The Burrows Brothers Company*, 1906. 549 p., 1 port. 12°.

Politovski (Yevgeni S.) From Libau to Tsushima. A narrative of the voyage of Admiral Rojdestvensky's fleet to eastern seas, including a detailed account of the Dogger Bank incident. Translated by F. R. Godfrey. *London: J. Murray*, 1906. xvi, 307 (1) p. 12°.

Rosenthal (Hermann), *and others*. Neuere Schiffsmaschinen, Hilfsmaschinen und Apparate nebst den wichtigsten Klein-Schiffsmotoren und Dampfturbinen. Für Schule und Praxis, hrsg. von H. Rosenthal, M. Müller, und R. Bayer. Atlas. *Berlin: K. W. Mecklenburg* [1906]. sq. 4°.

Schilling (C. H.) Marine-Erinnerungen. Umschlagszeichnung und Buchschmuck von Victor Taubner. *Dresden: W. Baensch*, 1906. 93 p. 8°.

Semenoff (Vladimir), *Captain*. The battle of Tsu-Shima between the Japanese and Russian fleets, fought on the 27th May, 1905. Translated by Captain A. B. Lindsay. With a preface by Sir George Sydenham Clarke. *London: J. Murray*, 1906. xxx, 1 l., 165 p., 1 l., 1 chart. 12°.

Soé (G.), *and others*. Vocabulaire des termes de marine. Yachting à voile; Yachting à vapeur; Yachting automobile. *Paris: Journal de la Marine "Le Yacht"* [1906]. vii, 565 (1) p., 1 l., 3 plans. illus. 12°.

Sperling (C. F.) Aus dem Loggbuch eines Kriegsseemannes. Von Schiffsjungen bis zum Deckoffizier in der Kaiserlichen Marine. *Leipzig: W. Weicher*, 1906. viii, 106 p., 6 pl. 8°.

PHILOSOPHY.

Bahnsen (Julius). Wie ich wurde was ich ward. Nebst anderen Stücken aus dem Nachlass des Philosophen, hrsg. von Rudolf Louis. *München: G. Müller*, 1905. lxxvii, 274 p., 1 port. 8°.

Dumas (Georges). Le sourire. Psychologie et physiologie. Avec 19 figures dans le texte. *Paris: F. Alcan*, 1906. 3 p.l., 167 (1) p. 12°. (Bibliothèque de philosophie contemporaine.)

Hudson (Thomson Jay). The law of psychic phenomena. A working hypothesis for the systematic study of hypnotism. *Chicago: A. C. McClurg & Co.*, 1901. 1 p.l., xvii, 19–409 p. 25. ed. 12°.

Kuntze (Friedrich). Die kritische Lehre von der Objektivität Versuch einer weiterführenden Darstellung des Zentralproblems der kantischen Erkenntniskritik. *Heidelberg: C. Winter*, 1906. xvii (1), 315 p. 8°.

Lehmann (Gotthard). Die intellektuelle Anschauung bei Schopenhauer. Dargestellt und kritisch beurteilt. *Berlin: Scheitlin, Spring & Cie.*, 1906. 2 p.l., 38 p. 8°. (Berner Studien zur Philosophie und ihrer Geschichte. Bd. 44.)

Mortimer-Granville (Joseph). The secret of a good memory. A practical treatise on memory and its cultivation. [*Pittsfield, Mass.: Eagle Ptg. and Bdg. Co.*, 1906.] 2 p.l., 114 p., 6 l. 12°.

Ormond (Alexander Thomas). Concepts of philosophy in three parts. Part 1, Analysis; Part ii, Synthesis; Part iii, Deductions. *New York: The Macmillan Co.*, 1906. xxxi, 722 p. 8°.

Prorók (Julian). Ketzereien. Keimzellen einer Philosophie. *Dorpat: F. Schledt* [1906]. 106 p., 1 l. 12°.

Renouvier (Charles). Critique de la doctrine de Kant, publié par Louis Prat. *Paris: F. Alcan*, 1906. 2 p.l., iv, 440 p. 8°.

Robertson (John Mackinnon). A short history of freethought, ancient and modern. *New York: G. P. Putnam's Sons*, 1906. 2 v. 2. ed. 8°.

Stephen (Horst). Herders Philosophie. Ausgewählte Denkmäler aus der Werdezeit der neuen deutschen Bildung. *Leipzig: Dürr*, 1906. xliv, 309 (1) p. 12°. (Philosophische Bibliothek. Bd. 112.)

Strickler (W. M.) Essays on human nature. *Colorado Springs, Colorado: [The Prompt Printery]* 1906. 278 p. 12°.

Sully Prudhomme (René François Armand). Psychologie du libre arbitre, suivie de définitions fondamentales, vocabulaire logiquement ordonneé, des idées les plus générales et des idées les plus abstraites. *Paris: F. Alcan*, 1907. 2 p.l., 175 (1) p. 12°.

Sutro (Emil). Das Doppelwesen der menschlichen Natur als Einführung in die Religion der Vernunft. Hrsg. unter dem Protektorat der Internationalen physio-psychischen Gesellschaft. *Berlin: Berliner Druckerei und Verlagsgesellschaft* [1906]. xxxii, 249 p., 1 l. 8°.

Thomas (Northcote Whitridge). Thought transference. A critical and historical review of the evidence for telepathy, with a record of new experiments, 1902–1903. *London: A. Moring*, 1905. viii, 214 p., 7 pl. 12°.

Weinstein (B.) Die philosophischen Grundlagen der Wissenschaften. Vorlesungen gehalten an der Universität Berlin. *Leipzig: B. G. Teubner*, 1906. xiv, 544 p. 12°.

THEOLOGY.

Brown (Hiram Chellis). The historical bases of religions primitive, Babylonian and Jewish. *Boston: H. B. Turner & Co.*, 1906. 3 p.l., v-vii, 2 l., 3-319 p. 12°.

Schiff Collection.

Budge (Ernest Alfred Thompson Wallis). The life of Takla Hâymânôt in the version of Dabra Lîbanôs, and the miracles of Takla Hâymânôt in the version of Dabra Lîbânôs and the Book of the riches of the Kings. The Ethiopic texts, from the British Museum MS. Oriental 723, edited with English Translations, to which is added an English translation of the Waldebbân version. With 165 coloured plates. *London: Privately printed for Lady Meux, plates by W. Griggs Chromo-lithographer to his Majesty the King*, 1906. 4 p.l., lxiii, 1 l., 396, 141 p., 165 pl. 1 v. in 2. f°.

No. 37 of 250 copies printed. Gift of Lady Meux.

Dibelius (Martin). Die Lade Jahves, eine religionsgeschichtliche Untersuchung. *Göttingen: Vandenhoeck & Ruprecht*, 1906. viii, 128 p. 8°. (Forschungen zur Religion und Literatur des Alten und Neuen Testaments.)

Gernandt (C. E.) Die dynastische Freimaurerei der alten Aegypter, oder der Dualismus des geistigen Schöpferbegriffes in cultureller Zusammenfassung... Beilage zu "Der Gottesbegriff der alten Aegypter." *Stockholm: Centraltryckerriet* [1906]. 52 p., 1 pl. 8°.

Grenfell (Bernard Pyne), *and* A. S. HUNT. The Hibeh papyri. Edited with translations and notes by Bernard P. Grenfell... and Arthur S. Hunt... Pt. 1. *London: The offices of the Egypt Exploration Fund*, 1906. pl. 4°.

Grey (*Sir* George). Polynesian mythology & ancient traditional history of the New Zealanders as furnished by their priests and chiefs. *London: G. Routledge & Sons, Ltd.* [1906?] xv, 247 (1) p. 16°. (The new universal library.)

Hahn (Ferdinand). Blicke in die Geisteswelt der heidnischen Kols. Sammlung von Sagen, Märchen und Liedern der Oraon in Chota Nagpur ... Bevorwortet von Hermann Dalton. *Gütersloh: C. Bertelsmann*, 1906 x, 116 p. 8°.

Holy Orthodox-Catholic Apostolic Church. Service book of the Holy Orthodox-Catholic Apostolic (Greco-Russian) Church, compiled, translated, and arranged from the Old Church-Slavonic service books of the Russian Church, and collated with the service books of the Greek Church by Isabel Florence Hapgood. *Boston: Houghton, Mifflin & Co.*, 1906. xxxviii, 615 (1) p. 8°.

Gift of Archbishop Tikhon.

Howard (Nikolas). Neue Berechnungen über die Chronologie des Alten Testaments und ihr Verhältnis zu der Altertumskunde. Mit einem Vorwort von Eduard Rupprecht. *Bonn a. Rh.: J. Schergens*, 1904. xiv, 1 l, 412 p. 8°.

Schiff Collection.

Huysmans (Jorris Karl). Les foules de Lourdes. *Paris: P. V. Stock*, 1906. 3 p.l., 5–314 p., 1 l. 11. ed 12°.

Jeremias (Alfred). Das Alte Testament im Lichte des alten Orients. Handbuch zur biblisch orientalischen Altertumskunde. Mit 145 Abbildungen. *Leipzig: J. C. Hinrichs*, 1906. xvi, 624 p., 2 maps. 2. ed. 8°.

Schiff Collection.

Kehr (Paul Fridolin). Italia Pontificia sive repertorium privilegiorum et litterarum a Romanis pontificibus ante annum MCLXXXXVII Italiæ ecclesiis, monasteriis, civitatibus singulisque personis concessorum Iubente Regia Societate Gottingensi congessit Paulis F. Kehr.

—— v. 1 [Roma]. *Berolini: apud Weidmannos*, 1906. 4°. (Konigl. Gesellsch. d. Wissensch. zu Göttingen. Regesta pontificum Romanorum. Italia pontificia. v. 1.)

Keller (Ludwig). Die heiligen Zahlen, und die Symbolik der Katakomben. *n. t.-p. Berlin: Weidmann*, 1906. 38 p. 8°. (Comenius-Gesellschaft. Vorträge und Aufsätze aus der Comenius-Gesellschaft. Jahrg. 14².)

Klein (*Rev.* F. A.) The religion of Islam. *London: K. Paul, Trench, Trübner & Co., Ltd.*, 1906. viii, 241 p. 8°.

Knight (H. J. C.) The temptation of our Lord considered as related to the ministry and as a revelation of His person. *London: Longmans, Green & Co.*, 1907. xiii, 210 p. 12°. (The Hulsean lectures. 1905–6.)

Knight (*Rev.* H. Theodore). Criticism and the Old Testament. A popular introduction. *London: Elliot Stock*, 1906. xiii, 1 l., 170 p. 12°.

Schiff Collection.

Knox (George William). The development of religion in Japan. *New York: G. P. Putnam's Sons*, 1907. xxi, 204 p. 8°. (American lectures on the history of religions. Ser. 6, 1905–1906.)

Labourt (Hieronymus). * De Timotheo I Nestorianorum Patriarcha (728–823) et Christianorum orientalium condicione sub chaliphis Abbasidis. Accedunt xcix ejusdem Timothei definitiones canonicæ e textu Syriaco inedito, nunc primum Latine redditæ. *Parisiis: Apud Victorem Lecoffre*, 1904. xv, 86 p., 2 l. 8°.
Schiff Collection.

Lanessan (Jean Marie Antoine de). L'État et les églises en France depuis les origines jusqu'à la séparation, par J.-L. de Lanessan. *Paris: F. Alcan*, 1906. vii, 304 p. 12°.

Leclère (Adhémard). Les livres sacrés du Cambodge. Pt. 1. *Paris: E. Leroux*, 1906. 8°. (Musée Guimet. Annales: Bibliothèque d'études. v. 20.)

Le Dantec (Félix). L'athéisme. *Paris: E. Flammarion*, 1906. 2 p.l., iii, 310 p., 1 l. 12°. (Bibliothèque de philosophie scientifique.)

Macalister (R. A. Stewart). Bible sidelights from the mound of Gezer. A record of excavation and discovery in Palestine. *London: Hodder & Stoughton*, 1907. xii, 231 (1) p., 36 pl. 2. ed. 8°.

McCarthy (Michael John F.) Church and state in England & Wales, 1820–1906. *Dublin: Hodges, Figgis & Co.*, 1906. xii, 672 p., 27 pl., 3 port. 8°.

McKim (Randolph Harrison). The problem of the Pentateuch. An examination of the results of the higher criticism. With a foreword by the Dean of Canterbury. *London: Longmans, Green, & Co.*, 1906. xvii, 136 p. 12°.
Schiff Collection.

Miller (George Frazier). Adventism answered. (The Sabbath question.) Part First. Passing of the Law and the introduction of grace. Part second. Some phases of the Gospel liberty. *Brooklyn: Guide Print. & Pub. Co.*, 1905. 214 p. 12°.

Morrison (Hew). Manual of the Church question in Scotland: being a handbook to the Churches (Scotland) act, 1905, together with the Report of the Royal Commission, 1905, and appendices... Ed. by H. Morrison. *Edinburgh: Keith & Co.*, 1905. 248 p. 8°.

Nielsen (Fredrik). The history of the papacy in the xixth century... Translated under the direction of Arthur James Mason. *London: J. Murray*, 1906. 2 v. 8°.
v. 1. Introduction, Pius vii.
v. 2. Leo xii. to Pius ix.

Orientalischen (Die) Religionen von Edv. Lehmann, A. Erman, C. Bezold, H. Oldenberg, I. Goldziher, A. Grünwedel, J. J. M. de Groot, K. Florenz, H. Hass. *Berlin: B. G. Teubner*, 1906. vii, 267 p. (Die Kultur der Gegenwart. Tl. 1. Abt. 3.)

Otto (Rudolf). Naturalism and religion... Translated by J. Arthur Thomson... and Margaret R. Thomson. Edited with an introduction by Rev. W. D. Morrison. *New York: G. P. Putnam's Sons*, 1907. xi, 374 p. 12°. (Crown Theological Library.)

Proofs (The) of life after death, A collation of opinions as to a future life by some of the world's most eminent...thinkers. Comp. and ed. by Robert J. Thompson. *Boston: Herbert B. Turner & Co.*, 1906. 3 p.l., 11–365 p. 8°.

Putnam (George Haven). The censorship of the Church of Rome and its influence upon the production and distribution of literature. A study of the history of the prohibitory and expurgatory indexes, together with some consideration of the effects of Protestant censorship and of censorship by the state. v. 1. *New York: G. P. Putnam's Sons*, 1906. 8°.

Realencyklopädie für protestantische Theologie und Kirche begründet von J. J. Herzog. In dritter... Auflage.., hrsg. von A. Hauck. Bd. 18. *Leipzig*, 1906. 4°.

Rix (Herbert). Tent and Testament, a camping tour in Palestine with some notes on Scripture sites. *London: Williams & Norgate*, 1907. xiii, 312 p., 32 p. 8°.
Schiff Collection.

Robinson (E. Kay). The religion of nature. *New York: McClure, Philips & Co.*, 1906. xiii, (i), 187 p. 12°.

Robinson (George Livingstone). Leaders of Israel. A brief History of the Hebrews, from the earliest times to the downfall of Jerusalem, A.D. 70. *New York: The Internat. Committee of Y. M. C. A.*, 1906. xi, 2 l., 242 p., 1 pl. 12°.
Schiff Colleetion.

Rogers (Arthur Kenyon). The religious conception of the world. An essay in constructive philosophy. *New York: The Macmillan Company*, 1907. 285 p. 12°.

Rydberg (Viktor). Teutonic mythology. Gods and goddesses of the Northland. Authorised translation from the Swedish by Rasmus B. Anderson... editor-in-chief... J. W. Buel.. managing editor. *London: The Norræna Society*, 1906. 3 v. pl. 8°.

Sadi (Muslih-al-din). Sadi's scroll of wisdom. With an introduction by Arthur N. Wollaston. *London: J. Murray*, 1906. 63 p. 16°. (Wisdom of the East Series.)

Sanders (Frank Knight), *and* Henry Thatcher Fowler. Outlines for the study of Biblical history and literature. *New York: C. Scribner's Son's*, 1906. xiv p., 2 l., 3–233, 7 maps. 12°. (The Historical Series for Bible Students. v. 9.)

Serbat (Louis). Les assemblées du clergé de France: origines, organisation, développement, 1561–1615. *Paris: H. Champion*, 1906. 4 p.l., 410 p. 8°. (École prat. d. haut. étud. Bibliothèque. Sci. hist. et. philol. Facs. 154.)

Severus ibn al-Mukaffa, Bishop of Ushmunain. Réfutation de Sa'id ibn Batrio (Eutychius) (Le livre des conciles). Texte arabe publié et traduit par P. Chébli. [*Paris: Firmin-Didot & Cie.*, 1905.] 2 p.l., 125–242 p. 4°. (Patrologia Orientalis, Tome 3.)

Simmel (Georg). Die Religion. *Frankfurt am Main: Rütter & Loening* [1906]. 79 p. 12°. (Die Gesellschaft. Sammlung sozialpsychologisher Monographien. Band 2.)

Slater (John Rothwell). * The sources of Tyndale's version of the Pentateuch... University of Chicago. *Chicago: Univ. of Chicago Pr.*, 1906. 56 p. 8°.

Smend (Rudolf). Die Weisheit des Jesus Sirach, erklärt von Rudolf Smend. Mit Unterstützung der Königlichen Gesellschaft der Wissenschaften in Göttingen. *Berlin: G. Reimer*, 1906. clix, 517 (1) p. 8°.

Spahn (Martin). Das deutsche Zentrum. *Mainz: Kirchheim* [1907?]. 2 p.l., 117 (1) p. 16°. (Kulthur und Katholizismus. Bd. 5.)

Stoss (Paul). Die theosophischen Gesellschaften und ihr Verhältnis zur Freimaurerei und anderen ethischen Bestrebungen der Gegenwart von Paul Stoss. Hamburg. Mit Porträt. Mit einem Vorwort hrsg. von Richard Wefers. Hamburg. *Hamburg: J Kriebel*, 1907. 66 p., 1 port. 8°.

Sulzbach-Rosenfeld (D. A.) Der Geist der Bibel. Moses. *Wien: M. Waizner & Sohn*, 1905. 40 p., 1 l., 1 port. 8°.

Schiff Collection.

Swedenborg (Emanuel). The proprium; or, What of man is not his own, as revealed in the Bible and expounded by Emanuel Swedenborg. With an introduction by John Bigelow. *New York: The New Church Bd. of Pub.*, 1907. xxxvi, 77 p. 12°.

Gift of Hon. John Bigelow.

Temple (*Sir* Richard Carnac), *bart.* The thirty-seven nats. A phase of spirit-worship prevailing in Burma. With full-page and other illustrations. *London: W. Griggs*, 1906. 3 p.l., vi, 71, v, p., 2 maps, 25 pl. f°.

Thomas (James). Genesis and Exodus as history. A critical inquiry. *London: Swan, Sonnenschein & Co.*, 1906. 2 p.l., viii–viii, 541 p., 1 map. 12°.

Schiff Collection.

Twain (Mark), *pseud. of* SAMUEL L. CLEMENS. Christian Science. With notes containing corrections to date. Illustrated. *New York: Harper & Bros.*, 1907. 4 p.l., 3–362 p., 2 pl., 1 port. 12°.

Waite (Arthur Edward). Devil-worship in France; or, the question of Lucifer. A record of things seen and heard in the secret societies according to the evidence of initiates. *London: G. Redway*, 1896. xii, 325 p. 12°.

Woods (James Haughton). Practice and science of religion. A study of method in comparative religion. *London: Longmans, Green & Co.*, 1906. viii, 1 l., 123 p. 12°.

Wrede (William). Das literarische Rätsel des Hebräerbriefs. Mit einem Anhang über den literarischen Charackter das Barnabasbriefes. *Göttingen: Vandenhoeck & Ruprecht*, 1906. viii, 98 p. 8°. (Forschungen zur Religion und Literatur des Alten und Neuen Testaments. Heft 8.)

Schiff Collection.

PRINCIPAL DONORS IN MARCH.

	VOLS.	PMS.
Abbe, Mrs. Robert		13
Amherst of Hackney, Lord	1	
André, Tony		3
Argentina, Am. Consul Gen'l.	3	6
Bemis, Mrs. Elizabeth		144
Bordeaux, France, The Mayor		5
British Museum	3	
Brooks, Howard K.	1	
Century Company (29 prints).		
Charlottenburg, The Bürgermeister	3	
Collins, C. A.	18	
Congregation Adath Israel	1	
Coolidge, T. Jefferson	1	
Delteil, Loys	1	
Dexter, Henry		1
Draper, Mrs. Henry (6 prints)	20	8
Duveen Brothers	1	
Ecuador, Director General de Estadistica		2
Evening Post	190	
Ferencz, Miklós	1	
Firenze, Comune di, The Mayor	1	
Frankfurter Zeitung	1	2
Francisco, M. J.	1	
French, Mrs. E. D. (14 bookplates)		
Gaebelin, A. C.	2	
Green, Dr. S. A.		18
Greener, Richard T.		8
Hainaut, Belgium, Governor		4
Hamburg, Stadtbibliothek	3	3
Hanley, Eng., County Borough of	13	
Hart, Horace	1	1
Harvard, Astronomical Observatory	1	4
Hawaii, Board of Health	9	
Horton, J. M.	3	
Hospital Book and News Soc.	76	230
Houghton, Clement S.	1	
Huntington, Mrs. S. V. V.	21	23
India, Bombay Presidency	7	9
Internat. Typograph. Union	6	
Jersey City, Board of Street and Water Comm.		10
Knortz, Prof. Karl	5	15
Lange, Gunnar (7 maps).	1	
Leicester Assoc. for . . . the Blind	17	
Lucas, George A.	1	
Maitland, Alexander		93
Methodist Library	4	28
Mexico, American Ambassador	1	
Meyer, Charles B.	48	
Michigan State Library	17	20
Mintz, M.	15	
Moffat, Yard & Co.	1	
Mount Vernon Ladies Assoc. of the Union		11
Nardecchia, Dr. Attilo	47	22
National Metal Trades Assoc.	2	
Netherlands, Bur. Central de Statistique	2	2
Nevada, Secretary of State	4	
New South Wales, Govt. Statistician		3
New York City Health Dept.	13	
New York State, Supreme Court—Appellate Div.	4000	2000
Pennsylvania Inst. for Instruction of the Blind		45
Persia, U. S. Minister to	1	
Rajagopal Naidu, G.		1
Richmond, George H.	1	
Robinovitch, Dr. Louise G.	1	11
Root, Elihu	330	
Sandys, Arthur	1	
Saward, F. E.	2	
Shepperson, Alfred B.	1	
Singer, Dr. Isidor	66	20
Smith, Mrs. Andrew H.		1
Signet Library, Edinburgh	1	
Stoke-upon-Trent, Eng., Borough of	1	2
Stuttgart, Handelskammer	1	
Surrey County Council, Eng.	1	3
Transvaal, American Consul	1	
University of Oregon	8	21
Vermont State Library	8	
Wapler, Nicholas	44	
Warsaw, Russia, The Mayor		1
Weinig, Dr. Bernard	1	219
White, Alain Campbell	1	
Wright, E. M.	1	
Yamaguchi Public Library, Japan	1	
Zionistiche Verein f. Deutschland		5

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

LIBRARY
MAY 22 1907
UNIVERSITY OF TORONTO

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

MAY 1907

VOLUME XI · NUMBER 5

REPORT FOR APRIL 183–186
LIST OF WORKS RELATING TO FOLK SONGS, FOLK MUSIC, BALLADS, ETC. 187–226
PRINCIPAL ACCESSIONS IN APRIL 227–231
PRINCIPAL DONORS IN APRIL 232

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)
Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. MAY, 1907. No. 5.

REPORT FOR APRIL.

REFERENCE DEPARTMENT.

During the month of April there were received at the Library by purchase, 2,578 volumes and 649 pamphlets; by gift, 1,287 volumes and 2,723 pamphlets; and by exchange, 199 volumes and 9,562 pamphlets, making a total of 4,064 volumes and 11,934 pamphlets.

There were catalogued 3,579 volumes and 2,098 pamphlets; the number of cards written was 10,836, and of slips for the copying machine 2,507; from the latter were received 9,490 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	LENOX.	ASTOR.			TOTAL.
		Day.	Evening.	Total.	
No. of readers and visitors	4,370	14,177	1,886	16,063	20,433
No. of readers	2,437	14,177	1,886	16,063	18,500
No. of readers, desk applicants	1,323	14,566	1,857	16,423	17,746
No. of volumes consulted by desk applicants	7,482	91,531	4,645	96,176	103,658
Daily average of readers	93	545	72	617	710
No. of visitors to Print Exhibition, etc.	2,586				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Benson's "Upton Letters," Van Dyke's "Studies in Pictures"; (adult fiction): Chambers's "Fighting Chance," Mason's "Running Water," Nicholson's "Port of Missing Men"; (juvenile fiction): Lang's Fairy Books, Barbour's "On Your Mark," Aldrich's "Story of a Bad Boy."

CIRCULATION STATISTICS FOR APRIL.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	10,836	2,286	323	2,562	2,562	350
East Broadway, 197	22,581	3,234	744			551
Rivington Street, 61	17,876	8,078	468	10,494	10,767	156
Le Roy Street, 66	7,902	3,786	146	1,640	5,070	158
Bond Street, 49	7,830	695	154	2,371	3,423	205
8th Street. 135 Second Avenue	16,270	1,919	226	3,166	3,474	533
10th Street, 331 East	18,230	3,045	441	2,875	3,009	420
13th Street, 251 West	8,234	1,420	94	1,562	1,585	98
22d Street, 230 East	1,999	14	34			4
23d Street, 209 West	11,816	4,623	212			135
34th Street, 215 East	6,648	1,703	76			182
40th Street, 501 West	3,764		53			36
42d Street, 226 West	10,638	792	216			171
50th Street, 123 East	6,137	832	118	314	436	146
51st Street, 463 West	5,387	214	325	311	599	282
59th Street, 113 East	6,771	805	80	1,690	1,690	1,262
67th Street, 328 East	11,730	910	165	585	1,560	160
69th Street. 190 Amsterdam Avenue	10,950	786	148	3,927	5,627	192
Travelling Libraries	73,842					728
77th Street. 1465 Avenue A	13,424	317	202	492	2,075	150
79th Street, 222 East	19,677	2,507	236	2,863	5,496	330
81st Street. 444 Amsterdam Avenue	15,492	1,985	187	1,517	1,815	125
Blind Library	912		9			275
96th Street, 112 East	21,062	2,010	305	1,458	3,394	448
100th Street, 206 West	16,846	4,749	236	1,572	1,873	286
110th Street, 174 East	17,321	4,927	313	2,083	3,997	211
123d Street, 32 West	8,142	285	224	1,106	1,257	268
125th Street, 224 East	10,328	1,379	205	699	954	122
135th Street, 103 West	19,265	1,881	354	1,240	3,089	139
145th Street, 503 West	16,268	1,619	428	1,654	3,698	131
156th Street. 922 St. Nicholas Avenue	7,963	2,592	142			229
BRONX.						
140th Street and Alexander Avenue	18,745	683	355	1,682	4,129	209
176th Street and Washington Avenue	17,621	546	310	1,109	2,422	133
Kingsbridge Avenue, 2933	2,374	2,178	33			65
RICHMOND.						
Tottenville	2,462	794	19			98
Port Richmond	6,324	443	58	500	842	54
TOTALS	473,667	64,037	7,639	49,472	74,843	9,042

Among the gifts received during the month may be mentioned those from: Francis R. Abbott, "Studies in plant and organic chemistry," by Helen Abbott Michael, with biographical sketch, Cambridge, 1907; from the city of Bergen, 12 volumes, city documents; from Charles Edward Cheney, a copy of his "The second Norman conquest," Chicago, 1907; from the East Africa Protectorate, a copy of the "Handbook for East Africa, Uganda and Zanzibar," 1907; from John Henry Hill, 9 prints, including 6 etchings and 2 mezzotints by himself; from Herman Hollerith, a collection of reports, 95 volumes and 35 pamphlets, relating to the first general census of the population of Russia, 1897; from the Secretary of State, Iowa, 15 volumes and 2 pamphlets, Iowa documents; from Hall N. Jackson, 18 volumes, the Cincinnati Weekly Times, and the Weekly Star; from the Central Committee of the Jewish Colonization Association, St. Petersburg, 4 volumes, 24 pamphlets, and a number of broadsides, including the reports of the committee, pamphlets in the Russian and Hebrew languages relating to emigration, etc.; from Dr. George Wilds Linn, a copy of his "History of a fragment of the Clan Linn," 1907; from Prof. Diocleziano Mancini, his translation of "Dal Canzoniere di Béranger," Terni, 1907; from L. N. Mandelstein, 110 volumes in Russian, Hebrew, and German; from A. R. Mander, 3 volumes and 3 pamphlets, theosophical works; from Prof. D. Panajotov, 7 pamphlets, including "Kniga o Yevreyima . . . par S. A."; from David C. Preyer, a copy of "Whistler, notes and footnotes and other memoranda," by A. E. Gallatin, New York, 1907; from J. D. Smillie, 131 engravings by R. Hinshelwood, comprising 136 plates; from J. W. Smith, 4 volumes of "The Mentor," a magazine relating to the blind; and from Sir Charles E. Howard Vincent, a copy of his "The police code and general manual of the criminal law," 14th ed., London, 1907.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: East Broadway, Birthdays of celebrated men and women, Edward Everett Hale, Out of door books, Washington Irving; Rivington Street, Cuba; Bond Street, Flowers, Polarized light, Mediæval Japan, Picturesque New Zealand, American composers, Wireless telegraphy; Hudson Park, City of Washington, Cowboy life, Southern California, Home Culture, Indians; Ottendorfer, Japan, Wild animals of Africa; Tompkins Square, Gardening, House and home; Muhlenberg, Bismarck, Gladstone, Modern Government, Song and song writers; 34th Street, Geography of North America; George Bruce, Old time gardens; Sacred Heart, Shakespeare; 67th Street, Gardeners' books; Riverside, Country homes, Play hour, Telephone and engineering; Yorkville, First aid to injured, Nature stories; St. Agnes, Sea tales, Famous pictures, Peace conference; 96th Street, Printing, Ancient Egypt, Trial by jury, Great Charter, Wallace and Bruce, Hundred years' war, Chaucer and Caxton, Discovery of Gold in California and Alaska, New York State Government, Causes of American Revolution, Japan, Robert E. Lee, Debtors' prisons; Bloomingdale, Candy country, Birds' nests, Celebrated paintings; Aguilar, Porto Rico, The Bermudas, Jamaica, Colorado, Austrian Tyrol, Turkey, Cuba, Chili, Peru, Antarctic region, Consumption; 125th Street, West Indies, Concord and Lexington, Gardening, Surveying; 135th Street, Nature study, School stories; Mott Haven, Benjamin Franklin; Tremont, Ancient Egypt, Pyramids, Animals of Africa, Bird notes, Edgar Allan Poe, Gardening,

History of settlement work, Japan, New York Aquarium, Suez Canal, The coming people; PORT RICHMOND, Books for girls, Outdoors in April; TOTTENVILLE, The garden.

In addition there were bulletins on Arbor Day at eleven branches, on Spring at seven branches, on Jamestown Exposition at seven branches, on new books at seven branches, on birds at three branches, on Panama Canal at two branches, and on astronomy at two branches.

At the LENOX Branch, the exhibition of American engravings was continued. The exhibition of etchings by the late Dr. L. M. Yale was open until the 13th April, and was replaced on the 15th by an exhibition of bookplates and other engravings by the late E. D. French.

At the ASTOR Branch, Martin's "Oriental carpets" remained on view during the month. On the 6th of April Champier's "Les anciens almanachs de Paris" were replaced by a collection of American etchings, lithographs and engravings, and by Robert Shaw's Etchings of historic spots.

The new building for the 59TH STREET Branch of the library (henceforth to be called the 58TH STREET Branch) was formally opened on Friday, May 10, at 4.30 P.M. This building, which is situated at 121 East 58th Street, is noteworthy for the width of its front—65 feet—and the fact that it has separate entrances for children and adults. The branch occupying this building was formerly one of the branches of the Aguilar Free Library, and from February, 1898, until its consolidation with the New York Public Library on March 1, 1903, it served also as the headquarters of the Aguilar Library. At the opening exercises the City was represented by the Hon. Patrick F. McGowan, President of the Board of Aldermen, and the trustees by Dr. Billings, Director of the library.

Music was furnished by the Palley String Quartet, and by Mrs. Speke-Seeley.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO FOLK SONGS, FOLK MUSIC, BALLADS, ETC.

Order of Arrangement:

BIBLIOGRAPHY.	GENERAL COLLECTIONS.
GENERAL WORKS.	SONGS OF VARIOUS NATIONS.

BIBLIOGRAPHY.

Aubry (Pierre). Esquisse d'une bibliographie de la chanson populaire en Europe. *Paris: A. Record & Fils*, 1905. 37 p., 1 l. 4°. (Essais de musicologie comparée.)

—— Esquisse d'une bibliographie de la chanson populaire hors de France. (La Revue musicale, v. 5, no. 5, pp. 131–142. *Paris*, 1905.)

Crawford (26. *earl*) and BALCARRES (9. *earl*), JAMES LODOVIC LINDSAY. Early bindings, broadsides, proclamations and ballads, exhibited by the Earl of Crawford at the soirée of the Society of Antiquaries, 23d June, 1886. [*London*, 1886.] 2 p.l., 3–8 p. 12°.

Engel (Karl). The literature of national music. *London: Novello, Ewer & Co.*, 1879. 3 p.l., 108 p. 8°.

Harvard University Library. Catalogue of English and American chap-books and broadside ballads in Harvard College Library. *Cambridge: Library of Harvard University*, 1905.

Miller (George Morey). Bibliography. (In his: The dramatic element in the popular ballad. *Cincinnati, O.*, 1905. 8°. p. 57–59.)

Newton (T. U.) Catalogue of old ballads in the possession of Frederic Ouvry. *London*, 1877. 8°.

Sedgwick (William Ellery). Catalogue of the library of the late W. E. Sedgwick...an extraordinary collection of books of ballads and songs... sold at auction at the Clinton Hall sale rooms... Mar. 27 and 28. *New York: Leavitt*, 1877. 68 p. 8°.

Society of Antiquaries of London. Catalogue of a collection of printed broadsides in the possession of the society, compiled by R. Lamon. xi (1) 228 p. ill. *London: The Society*, 1866. 4°.

GENERAL WORKS.

Bach-Sisley (Jean). L'evolution de la chanson. (Rev. de France. Année 3, pp. 1030–1044; 1123–1133; 1186–1196. *Paris*, 1898.)

Boeckel (Otto). Psychologie der Volksdichtung. *Leipzig: B. G. Teubner*, 1906. 1 p.l., iii–v (1) 432 p. 8°.

Elson (Louis C.) The influence of folk-song upon classical music. (Internat. Quar. v. 7, pp. 32–44. *Burlington, Vt.*, 1903.)

Engel (Karl). An introduction to the study of national music. *London: Longmans*, 1866. x (1), 435 p. 8°.

—— Musical myths and facts. *London: Novello, Ewer & Co.*, 1876. 2 v. 8°.

Eschelbach (Hans). Rettet das Volkslied. Titelillustration von Aloys Sieberath. *Berlin: Ball & Pickardt*, 1901. 30 p. 8°.

Fitz-gerald (S. J. A.) Stories of famous songs. *London: J. C. Nimmo*, 1898. xviii, 426 p. 8°.

Folk Song Society. Annual report. June, 1905. *London*, 1905. 12°.

—— Journal, v. 1–date. (1899–date.) [*London*, 1899–date.] 8°.

Gummere (F. B.) Primitive poetry and the ballad. (Modern Philol. v. 1, pp. 193–202. *Chicago*, 1903.)

Kahle (B.) Über einige Volksliedvarianten. (Allemannia. n. s. v. 6 (v. 23), pp. 49–56. *Freiburg*, 1905.)

Kastner (Jean Georges). Les Sirènes; essai sur les principaux mythes relatifs à l'incantation, les enchanteurs, la musique magique, le chant du Cygne, etc...suivi de Le rêve d'Oswald; ou, Les sirènes, grande symphonie dramatique voçale et instrumentale. [Paroles de F. Maillan. Partition.] *Paris: G. Brandus*, 1858. 2 p.l., vii, 164 p., 207 p. of music, 12 pl. f°.

Krehbiel (Henry Edward). Folk-music studies. Music of the Orient. Ancient theories and modern practices in Hindostan, Egypt, Turkey, Persia and Greece...The bibliography of the subject. 4 l. 4°.

Clipping from the New York Daily Tribune of Sunday, Aug. 13, 1899.

—— Musical literature. National and Folk-music. An outline of study...Bibliography. 5 l. 4°.

Clipping from the New York Daily Tribune of Sunday, July 2, 1899.

—— Musical matters. Work for musical and literary clubs. The Tribune's suggestions for a course of study. [National and Folk-music.] 4 l. 4°.

Clipping from the New York Daily Tribune of Sunday, June 4, 1899.

Lacombe (Louis). Naissance et développement des chants populaires. (Revue internationale de musique. No. 10, p. 601–611. *Paris*, 1898.)

Lang (Andrew). Notes on ballad origins. (Folk-Lore. v. 14, pp. 147–161. *London*, 1902.)

Martiengo-Cesaresco (*Countess* E.) Essays in the study of folk-songs. *London: G. Redway*, 1886. xl, 395 p. 12°.

General Works, cont'd.

Miller (George Morey). The dramatic element in the popular ballad. *Cincinnati, O.: The University of Cincinnati Press*, 1905. 59 p. 8°. (University of Cincinnati University Studies, ser. 2. v. 1[1].)

Niecks (Frederick). Edward Grieg, the Norwegian composer, a critical study preceded by a short chapter on Folk-music and nationality, considered in their relations to art-music. (Monthly musical record. v. 3, pp. 98, 113, 129. *London*, 1879.)

Ritter (Herman). Ueber Volksmusik und Volksgesang in alter und neuer Zeit. (Die Musik. 3. Jahr., I., Heft 4., pp. 258–268. *Berlin*, 1903.)

Root (Frederick W.) Folk-music. 1 port. (Arch. Internat. Folk-Lore Assoc. *Chicago*, 1898. 8°. v. 1, Cong. World's Col. Exposition, pp. 424–437.)

Salmon (Arthur L.) Some further folk-rhymes. (Gentleman's Maga. v. 290, pp. 614–620. *London*, 1901.)

Volk-songs translated from the Acta comparationis litterarum universarum [compiled by Dr. Hugo von Meltzel] by Henry Phillips jr. *Philadelphia*, 1885. 37 p. 16°.

Wheeler (Edith). My experience of folk-song collecting. (Donahoe's Maga. v. 52, pp. 448–454. *Boston*, 1904.)

White (R. G.) National hymns; how they are written, and how they are not written: a lyric and national study for the times. *New York: Rudd & Carleton*, 1861. x, 11–152 pp. 8°.

Wolf (Ferdinand). Ueber die Lais, Sequenzen und Leiche. Ein Beitrag zur Geschichte der rhytmischen Formen und Singweisen der Volkslieder und der volksmässigen Kirchen- und Kunstlieder im Mittelalter. *Heidelberg: C. F. Winter*, 1841. 2 p.l., vii–xvi, 514 p., 1 l., 8 facsim., 28 p. of music. 8°.

General Collections.

Alpine (The) gleesinger: a complete collection of secular and social music, arranged in four vocal parts...with a full course of vocal exercises for the cultivation of the voice, and for improvement in musical notation. By W. B. Bradbury. *New York: M. H. Neuman & Co.*, 1850. 304 p. obl. 12°.

Berggreen (Andreas Peter). Folke-Sange og Melodier, Fadrelandske og fremmede, samlede og udsatte for Pianoforte. *Kjöbenhavn*, 1869–71. 11 v. in 5. obl. 8°.

Damrosch (Frank). Folk-songs and part-songs, with preparatory exercises for choral classes. *New York: G. Schirmer*, cop. 1896. xv, 80 p. 8°.

Elson (Louis Charles). Folk songs of many nations. Collected and edited, with preface and annotations by L. C. Elson. *New York: John Church Co.* [1905] 1 p.l., 171 p. 4°.

Gautier (Judith). Les musiques bizarres à l'exposition de 1900. Transcrites par Benedictus. *Paris: Soc. d'Editions littéraires et artistiques*, 1900. 5 pms. 8°.

Les Chants de Madagascar; Danse javanaise, Danse du Diable; La musique egyptienne; La musique indo-chinoise; La musique japonaise.

Gervinus (Victoria). Volksliederbuch. 80 Volkslieder...[of many nations], mit deutschen Text und Klavierbegleitung zusammengestellt von V. G. *Leipzig: Breitkopf & Härtel* [1896?] 3 p.l., 96 p. 4°.

Israel (Karl). Sammlung von deutschen, schwedischen, bretonischen, portugiesischen, ungarischen, und anderen Nationalmelodien für Clavier bearbeitet von K. I. *Leipzig: Breitkopf & Härtel* [18—]. 2 Hefte. f°.

Kappey (J. A.) Songs of Eastern Europe. A collection of 100 Volkslieder of Austria, Bohemia, Hungary...and other countries, with English words by C. Kappey, edited by J. A. Kappey. *London: Boosey & Co.* [189–?] 2 p.l., 190 p. 4°. (Royal edition.)

Macgregor (John). Eastern music: twenty melodies from the Egyptian, Greek, Jewish, Syrian, Turkish and Arabic, for the voice, dulcimer, and drum, with pianoforte accompaniments. *London: J. A. Novello* [18—]. 34 p., 7 pl. 8°.

Rebbeling (L.) Volkslieder-Album. 100 beliebte Volkslieder für das Pianoforte uebertragen von L. Rebbeling. *Braunschweig: H. Litolff* [183—?]. 50 p. f°. (Collection Litolff. v. 443.)

Reiman (Heinrich). Internationales Volksliederbuch. Eine Sammlung ausländischer Volkslieder bearb. und hrsg. von H. Reiman. *Berlin: N. Simrock* [pref. 1893]. Bd. 1–3. 4°.

Schumann (Robert Alexander). Album for young pianists...by Robert Schumann. Op. 68. *London: Novello, Ewer & Co.* [18—] 1 p.l., 76 p. 4°.

Contains also his: "Kinderscenen," as Nos. 44–56.

Sousa (John Philip). National, patriotic, and typical airs of all lands, with copious notes. 283 p. *Philadelphia: H. Coleman* [cop. 1890]. f°.

Stevenson (*Sir* John Andrew). A selection of popular national airs, with symphonies and accompaniments. The words by T. Moore. *London: J. Power*, 1818. 5 p.l., 116 p. f°.

Unsere Lieblinge. Die schönsten Melodien alter und neuer Zeit in leichter Bearbeitung für das Pianoforte. Mit einem Vorworte von Karl Reinecke. Heft 1. *Leipzig: Breitkopf & Härtel* [18—]. 2 p.l., 41 p. f°.

Zürich.—*Zürcherische Schulsynode.* Sammlung von Volksgesängen für den Männerchor. Herausgegeben von einer Commission der Zürcherischen Schulsynode. *Zürich: Zürcher und Furrer* [18—]. 335 p. 4. ed. 16°.

Words and music.

Regional.

Abyssinian.

Rossini (Carlo Conti). Conti popolari tigrai. (Ztsch. f. Assyriologie. v. 17, pp. 23–52; v. 18, pp. 320–386. *Strassburg*, 1903–05.)

Afghan.

Chants populaires des Afghans, recueillis par James Darmesteter. *Paris: Imp. Nationale*, 1888–90. 3 p.l., xii, ccxviii, 1 l., 299, 228 p., 2 l. 8°. (Société asiatique. Collection d'ouvrages orientaux. 2. ser.)

African.

See Abyssinian, Arabic, Negro, Tuareg.

Albanian.

I **canti** popolari albanesi e i miei critici. [By D. de Grazia.] *Noto: F. Zammit*, 1889. 20 p. 8°.

Alsatian.

Muendel (C.) Elsässische Volkslieder gesammelt und herausgegeben von C. Mündel. *Strassburg: K. J. Trübner*, 1884. xiv, (2), 302 p. 16°.

Teichmann (Wilhelm). Unsere elsässischen Volkslieder. (Jahrb. f. Geschichte, Sprache u. Lit. Elsass-Lothringens. Jahrg. 20, pp. 130–160. *Strassburg*, 1904.)

Weckerlin (J. B.) Chansons populaires de l'Alsace. *Paris*, 1883. 2 v. 16°. (Les littératures populaires de toutes les nations, 17–18.)

American.

See Indian (American), Spanish-American, United States.

Arabic.

Abu Temmam (Habib ibn Aus). Hamâsa, oder, Die ältesten arabischen Volkslieder, gesammelt von Abu Temmâm, übersetzt und erläutert von F. Rückert. *Stuttgart: S. G. Liesching*, 1846. 2 v. in 1. 8°.

Altmann (Julius). Die Wüstenharfe. Eine Sammlung arabischer Volkslieder. Nach im Russland befindlichen, zum Theil slawisirten, zum Theil latinisirten Codices zum ersten Male in Deutsche übertragen. *Leipzig: Falcke und Rossler*, 1856. xviii, 1 l., 183 p., 1 pl. 16°.

Chansons populaires arabes en dialecte du Caire d'après les manuscrits d'un chanteur des rues: spécimen publié par M. U. Bouriant. *Paris: E. Leroux*, 1893. 2 p.l., 160 p. 4°. (Mission archéologique française au Cairo.)

Daniel (Salvador). Chansons arabes, mauresques et Kabyles. Transcrites pour chant et piano [par] S. Daniel. *Paris: Costallat & Cie.* [18—] 1 p.l., 35, 4 p. f°.

Fawcett (F.) A popular Mopla song. (Indian Antiquary. v. 28, pp. 64–71. *Bombay*, 1899.)

Fleischer (H. L.) Neuarabische Volkslieder. (Deutsche morgenländ. Gesellsch. Ztsch. v. 11, pp. 668–688. *Leipzig*, 1857.)

Goldziher (Ignaz). Jugend- und Strassenpoesie in Kairo. (Deutsche morgenländ. Gesellsch. Ztsch. v. 33, pp. 608–630. *Leipzig*, 1879.)

Hartman (Martin). Arabische Lieder aus Syrien. (Deutsche morgenländ. Gesellsch. Ztsch. v. 51, pp. 177–214. *Leipzig*, 1897.)

—— Lieder der Libyschen Wüste. Die Quellen und die Texte nebst einem Exkurse über die bedeutenderen Beduinenstämme des westlichen Unterägypten. *Leipzig: F. A. Brockhaus*, 1899. 4 p.l., 243 p. 8°. (Abhandlungen für die Kunde des Morgenlandes hrsg. von der Deutschen Morgenl. Gesellsch. v. 11, no. 3.)

Hornbostel (Erich von). Phonographirte tunesische Melodien. (Quarterly Magazine of the International Musical Society. v. 8, part 1, pp. 1–43. *Leipzig*, 1906.)

Littmann (Enno). Neuarabische Volkspoesie, gesammelt und übersetzt von E. Littmann. (Königl. Gesellsch. d. Wissensch. zu Göttingen, Abhandl., philolog.-hist. Klasse, n. s. v. 5; no. 3, pp. 1–158. *Berlin*, 1902.)

Meissner (Bruno). Neuarabische Gedichte aus dem Iraq. (Berlin-Universität.-Seminar für orientalische Sprachen. Mittheil. Jahrg. 5, Abtheil 2, pp. 77–131; Jahrg. 6, Abtheil. 2, pp. 57–125; Jahrg. 7, Abtheil. 2, pp, 266–276. *Berlin*, 1902–4.)

Muhammad ibn Ismail al- Misri. Safinat al-malik. [A collection of songs in various specified metres, with an introduction on music.] *Cairo*, 1893. 496 p. 8°.

Noeldeke (Th.) Delectus carminum Arabicorum, carmine selegit et edidit N. Glossarium confecit A. Mueller. *Berolini*, 1890. 16°. (Porta linguarum Orientalium, Paris 13.)

Rouanet (Jules). La chanson populaire arabe en Algérie. (Revue musicale, v. 5, No. 5, pp. 161–163. *Paris*, 1905.)

Sachau (Karl Eduard). Arabische Volkslieder aus Mesopotamien. 96 p. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Philos.-Hist. Kl. 1889. *Berlin*, 1890. 4°.)

Schafer (Heinrich). The songs of an Egyptian peasant, collected and translated into German by H. Schaefer. English edition by F. H. Breasted. *Leipzig: J. C. Hinrichs*, 1904. xxiv, 148 p. 12°.

Sonneck (C.) Chants arabes du Maghreb. Étude sur le dialecte et la poésie populaire de l'Afrique du Nord. *Paris: J. Maisonneuve*, 1902–06. 2 v. in 3. 4°.

—— Six chansons arabes en dialecte maghrébin, publiées, traduites et annotés. (Jour. asiatique. sér. 9, v. 13, pp. 471–520; v. 14, pp. 121–156, 223–257. *Paris*, 1899.)

Stumme (Hans). Märchen und Gedichte aus der Stadt Tripolis in Nordafrika. Eine Sammlung transkribierter prosaischer und poetischer Stücke im arabischen Dialekte der Stadt Tripolis, nebst Übersetzung, Skizze des Dialekts und Glossar. *Leipzig: J. C. Hinrichs*, 1898. x, 317 p. 8°.

—— Tripolitanisch-tunische Beduinenlieder. *Leipzig: J. C. Hinrichs*, 1894. x, 153 p. 8°.

—— Tunische Maerchen und Gedichte... *Leipzig: J. C. Hinrichs*, 1873, 2 v. in 1. 8°.

Wallin (G. A.) Probe aus einer Anthologie neuarabischer Gesänge, in der Wüste gesammelt. (Deutsche morgenländ. Gesellsch. Ztsch. v. 5, pp. 1–23; v. 6, pp. 190–218; 369–378. *Leipzig*, 1851–2.)

Armenian.

Armenian popular songs, translated into English by the Rev. Leo. M. Alishan...of the Mechitaristic Society. *Venice: S. Lazarus*, 1852. 2 p.l., 85 p., 1 l. 8°.

—— —— *Venice: S. Lazarus*, 1888. 3. ed. 83 p., 1 l. 8°.

Koutchak (Nahabed). Vieux chants Arméniens. (La rev. blanche. v. 26, pp. 217–221. *Paris*, 1901.)

Petermann (J. H.) Ueber die Musik der Armenier. (Deutsche morgenländ. Gesellsch. Ztsch. v. 5, pp. 365–372, 12 pages music. *Leipzig*, 1851.)

Armenian, cont'd.

Poèmes arméniens, anciens et modernes, traduits par Archag Tchobanian et précédés d'une étude de Gabriel Mourey sur la poésie et l'art arméniens. *Paris: A. Charles*, 1902. 104 p. 12°.

Austrian.

See also Bohemian, German, Hungarian, Moravian, *and* Swiss.

Blümml (E. K.) Germanische Totenlieder, mit besonderer Berücksichtigung Tirols. Music. (Archiv f. Anthrop. v. 33, pp. 149–181. *Braunschweig*, 1906.)

—— Notizen zum steirischen Volksliede. [Hrsg. von E. K. Buemml.] (Ztschr. d. Vereins f. Volkskunde. Jahrg. 16 (1906). pp. 324–328; 436–440. *Berlin*, 1905).

Blümml (E. K.), *and* R. Zoder. Joseph Lanner's Fortleben im Volkslied. (Monthly Journal of the International Musical Society. v. 8. Part 1. pp. 6–12. *Leipzig*, 1906.)

[**Böhm** (Gustav).] Steyermarker Volkslied. [By Gustav Böhm, arranged for piano, guitar, soprano or tenor. English and German text.] *Brooklyn*, cop. 1855. 5 p. f°. (The Vocalist's repertory of elegant songs. No. 7.)

Branky (Franz). Der Text und der Verfasser des Binderliedes. (Ztschr. f. österr. Volkskunde. Jahrg. 4, pp. 235–237. *Wien*, 1898.)

Haydecker (Sebastian). Volks-Lieder in obderennischer Mundart von Sebastian Haydecker an allö meinö Landsleut. *Linz*, 1847. 170 p. 12°

Hock (Stefan). Osterreichische Türkenlieder (1788–1790). (Euphorion. v. 11, pp. 90–103. *Leipzig*, 1904.)

John (Alois). Die "Wilhelmine." (Ztsch. f. österr. Volkskunde. Jahrg. 6, pp. 30–34. *Wien*, 1900.)

Karner (P. Lambert). Zwei Volkslieder. (Ztschr. f. österr. Volkskunde. Jahrg. 3, pp. 1–3. *Wien*, 1897.)

Marx (A.) Kleine Spott und Trutzlieder, wie sie gelegentlich des Weisens (Zahlen des Mahles) bei den Bauern-Hochzeiten im Mürzthale gesungen werden. (Ztschr. f. österr. Volkskunde. Jahrg. 4, pp. 295–296. *Wien*, 1898.)

Mayerhofer (Hermann). Recrutenlieder vom niederösterreichischen Flachland. (Ztsch. f. österr. Volkskunde. Jahrg. 6, pp. 193–200. *Wien*, 1900.)

Moses (Heinrich). Drei Nachtwächterlieder. (Ztschr. f. österr. Volkskunde. Jahrg. 3, pp. 178–179. *Wien*, 1897.)

Oesterreichische Volkslieder mit ihren Singeweisen gesammelt und herausgegeben von Fr. Ziska und J. M. Schottky. *Pesth*, 1819. 8°.

Piger (Franz Paul), Das Schnaderhüpfel in der Iglauer Sprachinsel. (Ztschr. f. österr. Volkskunde. Jahrg. 4, pp. 6–28. *Wien*, 1898.)

Retzbach (Eduard). Nachtwächterrufe. (Ztschr. f. österr. Volkskunde. Jahrg. 3, pp. 249–254. *Wien*, 1897.)

Rosegger (Petri Kettenfeier), *and* Richard Heuberger. Volkslieder aus Steiermark mit Melodieen. *Pest*, 1872. sq. 8°.

Schlossar (Anton). Deutsche Volkslieder aus Steiermark. (Ztschr. f. österr. Volkskunde. Jahrg. 1, pp. 129–138. *Wien*, 1895.)

Tyrolese melodies as sung by the Ranier family. Arranged with symphonies and accompaniments by Friedrich Müller. *Boston: Geo. P. Reed*, cop. 1841. 4 pms. f°.

Contents: The Tyrolese War song, 7 p.; The alpine hunters, 6 p.; The handsome Louise, 7 p.; Was it not at once? 4 p.

Urban (Michael). Ältere egerländer Volkslieder. (Ztschr. f. österr. Volkskunde. Jahrg. 4, pp. 161–172. *Wien*, 1898.)

Wackernell (J. E.) Aeltere Volkslieder und volkstümliche Lieder aus Tirol. (Archiv für das Studium der neueren Sprachen und Litteraturen. *Braunschweig*, 1898–99. 8°. v. 101 (N. S., v. 1), pp. 283–308; v. 102 (N. S., v. 2), pp. 1–28.)

Balkan.

Dieterich (Karl). Die Volksdichtung der Balkanländer in ihren gemeinsamen Elementen. (Ztsch. d. Vereines f. Volkskunde. Jahrg. 12, pp. 145–155; 272–291; 303–415. *Berlin*, 1902.)

Bashkir.

Pröhle (Wilhelm). Baschkirische Volkslieder. (Rev. orientale (Keleti Szemle), v. 6, pp. 12–26. *Budapest*, 1905.)

Basque.

Chants populaires du pays basque; paroles et musique originales; recueilliés et publiées avec traduction française par J. D. J. Sallabevry. *Bayonne: Lamaignère*, 1870. x, 1 l., 415 p. 4°.

Palamedes. The oldest Basque song. (Notes and Queries. ser. 9, v. 5, pp. 471–472. *London*, 1900.)

Bedouin.

See Arabic *above.*

Belgian.

See also Flemish *and* Walloon *below.*

Chansons populaires des provinces belges. Anthologie, introduction, harmonisations et notes par E. Closson. *Bruxelles: Schott Frères*, cop. 1905. xvi, 3 l., 223 p. f°.

Motte (Alfred). À l'union, à la fraternité. Dédié à la société des étudiants de Gand. Musique de Fl. van Duyse. *n. p., n. d.* 2 pp. 8°.

Terry (Léonard), *and* Léopold Chaumont. Recueil d'airs de cramignons et de chansons populaires à Liége. *Liége: H. Vaillant-Carmanne*, 1889. xv, 597 p. 8°.

Bohemian.

Feifalik (Julius). Zwei boehmische Volksbücher zur Sage von Braunschweig [Also] Nachtrag... (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 29, pp. 83–97; "Nachtrag" in Bd. 32. pp. 322–331. *Wien*, 1859–1860. 8°.)

Helfert (J. A. F. von). Volkslied und Tanz. Das Wiederaufleben der böhmischen Sprache und Literatur. Die ältesten Denkmale böhmischen Schriftthums und der Streit über deren Aechtheit. (In: Vlach (J.) Die Cecho-Slaven. *Wien*, 1883. 8°. pp. 161–450.)

Bohemian, cont'd.

Martinovsky (Johann Paul). Nápěwy pisni národnich y Cechách Sbirka K. J. Erbena. Průwodem Fortepiana opatril J. P. Martinowsky. Zwarzek 1 w. *Praze: J. Hoffmann* [1842–184–?]. 201 p. 4°.

Brasilian Indian.

See Indian (American).

Breton.

Barzas-Breiz. Chants populaires de la Bretagne recueillis et publiés Avec une traduction francaise, des éclaircissements, des notes et les melodies originales, par Th. De La Villemarqué. *Paris: Delloye*, 1840. 2. ed. 2 v. 8°. Music.

—— —— *Paris: A. Franck*, 1846. 4. ed., augmentée de 33 nouvelles ballades historiques. 2 v. 12°. Music.

—— —— *Paris: Didier et Cie.*, 1867. 6. ed. 2 p.l., lxxxii, 1 l., 539, 1 l., xliv p. 8°. Music.

—— Ballads and songs of Brittany by Tom Taylor; translated from the "Barsaz-Breiz" of Vicomte Hersart de La Villemarqué; with some of the original melodies harmonized by Mrs. Taylor. *London: Macmillan & Co.*, 1865. xx, 1 l, 239 (1) p. illus. music. sq. 8°.

Botrel (T.) Chansons de chez nous (chansons bretonnes). Préface d'Anatole Le Braz...dessins de E. H. Vincent. *Paris: G. Ondet*, 1898. 282 p., 1 l., 12 pl. 1 port. illus. 12°.

Contes et légendes de Basse-Bretagne. (Rev. d. traditions pop. v. 19, pp. 348, 429; v. 20, pp. 18–19, 353–355, 497–500; v. 21, pp. 10–15, 310–316, 392–395, 465–479. *Paris*, 1904–06).

Ernault (E.) Chansons populaires de la Basse-Bretagne. (Rev. Celtique. v. 23, pp. 121–134. *Paris*, 1902.)

Gwerziou Breiz-Izel. Chants populaires de la Basse-Bretagne, recueillis & traduits by F. M. Luzel. *Lorient: E. Corfmat*, 1868–74. 2 v. 8°. (Documents pour servir à l'étude de l'histoire et de la langue bretonne.)

Le Braz (Anatole). L'origine d'une Gwerz bretonne. (In: Mélanges H. d'Arbois de Jubainville...*Paris* [1906?] 8°. pp. 111–128.)

—— La chanson [populaire] bretonne. (Revue Musicale, v. 5, no. 16/17, pp. 423–435. *Paris*, 1905. f°.)

Le Roux (Pierre). Une chanson Bretonne du XVIIIe Siècle. (Rev. Celtique. *Paris*, 1898. 8°. v. 19, pp. 1–12.)

Quellien (N.) Chansons et danses des Bretons. *Paris: J. Maisonneuve & C. H. Leclerc*, 1889. 2 p.l., iii, 300 p. 4°.

Vallée (F.) Une collection inédite de chansons populaires bretonnes. (Annales de Bretagne. v. 16, pp. 308–317. *Rennes*, 1901.)

Varenne ( ). Les mélodies populaires bretonnes. (Soc. d'émulation des Cotes-du-Nord. Bull. v. 38, pp. 43–56. *Saint-Brieuc*, 1901.)

Bulgarian.

Dozon (August). Bolgarski narodni pyesni. Chansons populaires Bulgares inédites publiées et traduites par Auguste Dozon. *Paris: Maisonneuve et Co.*, 1875. xlvii, 427 p. 8°.

Miladinovitz (D.), *and* K. Miladinovitz. Bolgarski narodni pyesni, sobrani od bratya. M.D. i K. 2. ed. *Sophia: Liberalni Klub*, 1891. xiii, 545 p. 8°.

Shade (The) of the Balkans: being a collection of Bulgarian folksongs and proverbs, here for the first time rendered into English, together with an essay on Bulgarian popular poetry, and another on the origin of the Bulgars. [By P. Slaveikoff, H. Bernard and E. J. Dillon.] *London: D. Nutt*, 1904. 328 p. 8°.

Teza (Emilio). Canti de popolo dalla Bulgaria e dalla Russia: alla memoria di N. Tommaseo. (R. instituto veneto. Atti. v. 62, pt. 2, pp. 17–30. *Venezia*, 1902–03.)

Vácaresco (Hélèna). Canti della valle del Dimbowitza raccolti dalla bocca del popolo per cura di Elena Vacaresco. Tradotti in tedesco da Carmen Silva ed in italiano da A. M. Vallemani. *Città di Castello: S. Lapi*, 1891. 288 p. 8°.

Verkovich (S. I.) Veda Slovena Bolgarski narodni pesni ot predistorichno i predkhristiyansko doba...Le veda Slave, chants populaires des Bulgares...*Beograd: Drzhavna shtamparia*, 1874. v. 1. 8°.

Canadian.

French songs of old Canada. Pictured by W. G. Robertson. With translations. *London: W. Heinemann*, 1904. 2 v. illus. f°.

Gagnon (Ernest). Chansons populaires du Canada...*Quebec: C. Darveau*, 1894. xvii, 350 p. 3. ed. 8°.

Halden (Ch.) Chansons populaires et jeux enfantins au Canada. (La Quinzaine. v. 68, pp. 78–110. *Paris*, 1906.)

Stewart (George). Popular songs of old Canada. (Monthly Rev. v. 19, Apr. 1905, pp. 64–75. *London*, 1905.)

—— —— (Living Age. 7. ser., v. 28 (v. 246), pp. 162–167. *Boston*, 1905.)

Catalan.

Wolf (Ferdinand). Proben portugiesischer und catalanischer Volksromanzen. [Commentar und Uebersetzungen.] Mit einer literarhistorischen Einleitung über die Volkspoesie in Portugal und Catalonien. (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 20. pp. 17–168. *Wien*, 1856. 8°.)

Chinese.

Chansons chinoises. Traduit du chinois par L. Charpentier. (Rev. blanche. v. 23, pp. 161–175. *Paris*, 1900.)

Stent (George Carter). Chinese lyrics. (Royal Asiatic Soc. North China Br. Journ. n. s. no. 7, pp. 93–135. *Shanghai*, 1873.)
Chinese text, translation, music.

Croatian.

Petrovskij (I. M.) Der Philomelamythus in der kroatischen Volksdichtung. (Archiv f. slav. Philol. v. 22, pp. 608–612. *Berlin*, 1900.)

Danish.

Altschwedische Balladen, Märchen und Schwänke sammt einigen dänischen Volksliedern übersetz von G. Mohnike. *Stuttgart: J. G. Cotta*, 1836. xvi, 302 p., 1 p. 16°.

Danish, cont'd.

Barfod (Povl Frederik). Den danske Kjempebog; en Sangkrönike fra Midten af det syttende Hundredaar; udgivet af Selskabet til den Danske Litteraturs Fremme ved B.; 1. Hefte. *Kjöbenhavn* [1860]. nar. 4°.

Berggreen (Andreas Peter). Marsk Stig og Niels Ebbesen, to danske Folkeviser fra det 13de og 14de Aarhundrede, med Melodier af A. P. B. *Kjöbenhavn: C. A. Reitzel*, 1872. 2 p.l., 33 (1) p. (In his: Compositioner for Sang og Claveer. *Kjöbenhavn*, 1872–74. obl. 8°. v. 2.)

—— 54 Danske Folkeviser. Textbog til 10de Hefte af Berggreens Skolesange. *Kjöbenhavn: C. A. Reitzel*, 1865. 150 p. 24°.

Borrow (George). Romantic ballads, translated from the Danish; and miscellaneous pieces. *London: J. Taylor*, 1826. xi, 184 p. 12°.

Danmarks gamle Folkeviser. Udgivne af Svend Grundtvig. v. 1–v. 3, pt. 1. *Kjöbenhavn*, 1853–58. 3 v. 4°.

Danmarks gamle Folkeviser...efter Forarbeider af Svend Grundtvig udgivne af A. Olrik. Trykt og udgivet paa Carlsbergfondens Bekostning. *Köbenhavn: O. B. Wroblewski*, 1895–1900. 2 v. in 5 pts. 4°.

Danmarks syngende Mand paa Bölge og Land...no. 5. *Köbenhavn: B. Wennström* [1902?]. 16°.

Eskesen (M.) Nordiske Sange til Brug ved Folkemöder, Skytteforeninger og i Skoler; samlede af E. *Odense*, 1882. 2. ed. 24°.

—— —— 2den Samling. 3e gjennemsete Udgave. *Odense*, 1881. 24°.

Grundtwig (Svend). Folkelæsning. Danske Kæmpeviser og Folkesange fra Middelalderen, fornyede i gammel Stil af Svend Grundtvig. Med 6 Melodier. *Kjöbenhavn: G. E. C. Gad*, 1867. xii, 166 p., 1 l. 12°. (Udvalget for Folkeoplysnings Fremme.)

—— —— *See* also **Danmarks** gamle Folkeviser. Udgivne af S. G.

Ker (W. P.) On the Danish ballads. (Scottish Hist. Rev. v. 1, pp. 357–378. *Glasgow*, 1904.)

Klubvisebog. En Samling af de bedste ældre og nyere Selskabssange, tilligemed et Antal nye tildeels skrevne til politiske Toaster. *Kjöbenhavn*, 1838. 12°.

Molbech (Chr.) Bemærkninger over vore danske Folkeviser fra Middelalderen. *Kjöbenhavn*, 1823. 12°.

—— Nogle Bemærkninger over vore gamle danske Folkeviser. (In: Det Skandinaviske Litteraturselskabs Skrifter. v. 19. *Kjöbenhavn*, 1823. pp. 1–126. 12°.)

Steenstrup (Johannes Christoffer Hagemann Reinhardt). Vore Folkeviser fra Middelalderen. Studier over Visernes Æsthetik rette Form og Alder. *Kjöbenhavn: R. Kleins Eftf.*, 1891. vi, 329 p. 8°.

Udvalgte Danske Viser fra Middelalderen; efter A. S. Vedels og P. Syvs trykte Udgaver og efter haandskrevne Samlinger udgivne paa ny af Abrahamson, Nyerup, og Rahbek. *Kjöbenhavn: J. F. Schultz*, 1812–14. 5 v. 8°.

Dutch.

Brammelen (J. van). Transvaal. Van't land der vrijheld. Oosprongelyk lied voor het Nederlandsche volk. Naar populaire mélodie. *Rotterdam: J. van Beerschaten* [1899]. [3] p. sq. 4°.

Coers (F. R.) Liederboek von Groot-Netherland, verzameld door F. R. Coers. *Amsterdam: C. A. J. van Dishoek* [1902]. 4 v. 4°.

Hofdijk (W. J.) Kennemerland Balladen... *Maassluis: J. van der Endt & Zoon* [1880?]. 8 p.l., vxiii, 434 p. 2. ed. 12°.

Liederen-bundel voor janmast en soldaat, voor school en huis, bijeen verzameld door H. C. C. Clockener Brousson. *Helder: C. de Boer, jr.* [pref. 1901] 64 p. 8°.

Loverkens. Altniederländische Lieder. (In: Hoffman von Fallersleben, A. H. Horæ Belgicæ, pt. 8, 12. 1852–62.)

Millegan (S. van). Ons Volksgesang. (Cæcilia. v. 60. no. 8. pp. 356–71. *'s Gravenhage*, 1903.)

Niederländische Volkslieder. Gesammelt und erläutert von Hoffmann von Fallersleben. *Hannover: C. Rümpler*, 1856, lii, 368 p. 2. ed. 8°. (In: A. H. Hoffmann von Fallersleben. Horæ Belgicæ. Pt.2.)

Nieuw (Een) werf-lied. [*'s Gravenhage: Erven P. Vos*, 178–?.] 4 l. nar. 16°.

Old Dutch ballads, rhymes and Folksongs. (In: Brink (Benjamin Myer). The early history of Saugerties, 1660–1825. *Kingston, N. Y.*, 1902. 16°. pp. 324–345.)
No music.

Rees (C. F. van). Volkslied von de Zuid-Afrikanische Republick. Muzaiek van C. F. van Rees. Arrangement van M. H. Van 'T Kruijs. [Song with piano acc.] *Rotterdam: Wenk & Birkhoff* [1899]. 1 l. 2. ed. f°.

Prins (Anthonij Winkler). Liederen, vervaardigd voor de viering van het eerste eeuwfeest van het bestaan van Stads-Kanaal. *Stads-Kanaal: G. Eerelman*, 1865. 8 p. nar. 12°.

Roentgen (Julius). XIV Altniederländische Volkslieder nach A. Valerius (1626). Für eine Singstimme mit Klavierbegleitung bearbeitet von J. Roentgen. Deutsche Uebertragung von K. Budde. *Leipzig: Breitkopf & Härtel*, cop. 1901. 32 p. f°.

Someren (Reyer Hendrik van). Over het volkslied Wilhelmus van Nassauwen...Met eene bijdrage door Mr. P. A. Brugmans. *Utrecht: L. E. Bosch*, 1834. 1 p.l., iv, 56 p., 3 pl. nar. 8°.

Volkszangen, vervaardigd op verzoek van het comité revolutionair, te Amsteldam, ter viering van het vryhaidsfeest, den 4. van Leutemaand [March], 1795. *Amsteldam: P. J. Uylenbroek* [1795?]. 32 p. 16°.

Willems-Fonds Nederlandsch liederboek. Deel 1. [Vaterlandsche en plaatselijke liederen.] *Gent: J. Vuylsteke*, 1891. 8°.

Zangen, vervaardigd op verzoek van het comité revolutionair, te Amsteldam, ter viering van het feest der alliante, tusschen de Bataafsche en Fransche republieken, den 19. van Wiedemaand [June], 1795. *Amsteldam: P. J. Uylanbroek* [1795?]. 3 p.l., 9–23 p. 16°.

Egyptian.

See Arabic *above*.

English.

[**Aikin** (J.)] Essays on song-writing, with a collection of such English songs as are most eminent for poetical merit. *Warrington: J. Johnson*, 1774. 2. ed. xiv, 286 p. 8°.

Allingham (W.) The ballad book: a selection of the choicest British ballads. *London: Macmillan & Co.*, 1898. xlvii, 393 p. 16°. (Golden Treasury series.)

Ballad Society. [Publications,] 1–38. *London, Hertford*, 1868–1900. 8°.

no. 1–3, 10. Ballads from manuscripts, v. 1–2. 1868–73.
4–6, 8–9, 12–13, 18–19, 21–38. The Roxburghe ballads, v. 1–9. With short notes from W. Chappell. 1871–1900.
7. Captain Cox, his ballads and books. 1871.
11. Love poems and humorous ones. 1874.
14–17. The Bagford ballads, v. 1–4. 1876–78.
20. The Amanda group of Bagford poems. 1880.

Ancient ballads; selected from Percy's collection; with explanatory notes, taken from different authors, for the use and entertainment of young persons. *London: Vernor*, 1807. iv, 211 p. 16°.

Ancient historic ballads. *Newcastle: D. Alserhead & Sons*, 1807. 3 p.l., 3–236 p. 16°.

Ancient poems, ballads, and songs of the peasantry of England, taken down from oral recitation, and scarce publications...Collected and edited by J. H. Dixon. *London: Percy Society*, 1846. xv, 250 p. 12°.

Anderson (W.) *See* **Bunch** (A) of gatherings.

Answer (An) at large to a most hereticall, trayterous, and papisticall byll, in English verse, which was cast abrode in the streetes of Northamton, and brought before the judges at the last assizes there. 1570. *Imprinted at London by J. Awdelye* [1570]. *Reprint: Northampton: Taylor & Son*, 1881. 25 p. 8°.

Antidote (An) against melancholy. Compounded of choice poems, jovial songs, merry ballads...*New York: Pratt Mfg. Co.*, 1884. 2 p.l., 7–123 (1) p. 8°.

Ashton (John). Modern street ballads. *London: Chatto & Windus*, 1888. xvi, 405 p. illus. 12°.

Aytoun (W. E.) *See* **Gaultier** (Bon).

Bagford (The) ballads; illustrating the last years of the Stuarts. Edited, with introduction and notes, by J. W. Ebsworth. *Hertford: Ballad Soc.*, 1878. 2 v. 8°. (Ballad Society, v. 14–17, 20.)

Ballad (A) on the taking of Bergen-op zoom. *London: M. Cooper*, 1747. 6 p. f°.

Ballads and metrical tales. Selected from Percy, Ritson, Evans, Jamieson, Scott, &c., &c. *London: J. Burns* [1845]. 2 p.l., 242 p., 1 pl. 16°.

Ballads and poems respecting Hugh of Lincoln, a boy alleged to have been murdered by the Jews in the year MCCLV. Edited by J. O. Halliwell. *Brixton Hill*, 1849. iv, 40 p. 4°. (In: Contributions to early English literature. *London*, 1849. 4°.)

Baring Gould (Sabine). English minstrelsie: a national monument of English song. *Edinburgh*, 1895–97. 8 v. in 7. sm. sq. f°.

—— —— Songs and ballads of the West; a collection made from the mouths of the people;... for voice and pianoforte. *London*, 1892. 4°.

Baring-Gould (Sabine) *and* H. Fleetwood Sheppard. A garland of country song. *London*, 1895. 4°.

Beauties (The) of ancient poetry. Intended as a companion to The beauties of English poetry. *London: E. Newbery*, 1794. 1 p.l., xi, 204 p. 24°.

Beauties (The) of English poesy. Selected by Oliver Goldsmith. *London: W. Griffin*, 1767. 2 v. 16°.

—— —— *Dublin: J. Williams*, 1771. 2 v. 16°.

Bennett (W. C.) Shall we have a national ballad-history for the English people? An appeal to the poets of England and America. [Signed, W. C. Bennett.] *n. t.-p.* [*Edinburgh: Henderson, Rait & Fenton*, 1868?] 8 p. 16°.

Bentley (The) ballads, Comprising the Tipperary Hall ballads, now first republished from "Bentley's miscellany," 1846; with preface and notes by John Sheehan. New [3d] ed. *London*, 1869. 12°.

Bishop (Henry Rowley). Home, sweet home! [song]... in Clari or The Maid of Milan. Composed and partly founded on a Sicilian air by H. R. Bishop. [Voice and piano acc.] *Philadelphia: George Bacon* [18—]. 3 p. f°.

—— Home, sweet home, song, composed by H. R. Bishop. [Voice with piano acc.] *San Francisco: M. Gray* [18—]. 3 p. f°.

Bishoprick (The) garland, or a collection of legends, songs, ballads, etc., belonging to the county of Durham. [Compiled by Sir Cuthbert Sharp.] *Sunderland: Hills & Co.*, 1906. 6 p.l., v–viii, 84, ii p. 8°.

150 copies reprinted from the London edition of 1834.

Bisset (J.) The British patriot: or The heroic volunteer's manual. A collection of original songs. *Birmingham: Wilks, Grafton & Reddell*, 1803. 16 p. 12°.

Bolle (Wilhelm). Die gedruckten englischen Liederbücher bis 1600. Ein Beitrag zur Geschichte der sangbaren Lyrik in der Zeit Shakespeares. *Berlin: Mayer & Müller*, 1903. vii, cxxvi, 284 p. 8°. (Palaestra. [v.] 29.)

Bon Gaultier. *See* **Gaultier** (Bon).

Book (The) of ballads, ancient and modern, historical, traditional, and romantic. Illustrated with one hundred and twenty engravings. *London: Bell & Daldy* [1875]. 5 p.l., 870 p., 1 l. 8°.

Book of British ballads. *See* **Hall** (S. C.)

Book (The) of English songs. From the sixteenth to the nineteenth century. *London: Off. of the National Illus. Libr.* [1851] xiv, 17–320 p., 1 pl. illus. 12°.

Book (A) of favourite modern ballads, Illustrated with fifty engravings [by J. Evans] from drawings by the first artists. [Edited by J. C.] *London: W. Kent & Co.*, 1860. engr. title, xiii, 1 l., 167 p. 8°.

English, cont'd.

Book (A) of Roxburghe ballads. *See* **Collier** (J. P.)

Bowen (Edwin W.) The old English ballad. (Sewanee Rev. v. 9, pp. 286–295. *New York*, 1901.)

Boy's (The) book of ballads. Illustrated with sixteen engravings on wood from drawings by John Gilbert. *London: Bell & Daldy*, 1861. vii, 187 p., 17 pl. 12°.

—— —— *New York: D. Appleton & Co.*, 1861. vii, 187 p., 17 pl. 12°.

Brandt (Alois). Zur Kritik der englischen Volksballaden. (In: Forschungen zur neueren Litteraturgeschichte... *Weimar*, 1898. 8°. p. 51–75.)

Broadwood (Lucy E.) English Folksong. Monthly Journal of the International Musical Society. v. 6, part 12, pp. 497–499. *Leipzig*, 1905.)

Broadwood (Lucy E.), *and* John Alexander Fuller Maitland. English county songs: words and music. *London*, 1893. 4°.

Bunch (A) of gatherings glean'd from the two past generations, consisting of eight-page ballads, songs, tales, elegies, executions, &c., mostly poetical, among which are Hardyknute with music, Habbie Simpson with notes, and... other... pieces printed in several places... *Paisley: collected by W. Anderson*, 1860. v. p. 1 port. 16°.

Chappell (William). A collection of national English airs; ancient song, ballad, and dance tunes... harmonized by W. Crotch, G. A. Macfarren and J. A. Wade. *London*, 1838–40. 2 v. f°.

—— Old English ditties, selected from W. Chappell's "Popular music of the olden time." With ... the long ballads compressed, and... new works written, by J. Oxenford [and M. Macfarren]. The symphonies and accompaniments by G. A. Macfarren. *London: Chappell & Co.* [189–?] 2 v. 4°.

—— Old English popular music. A new edition, with preface and notes, and the earlier examples entirely revised by H. Ellis Wooldridge. *London: Chappell & Co.*, 1893. 2 v. 4°.

—— Popular music of the olden time; a collection of ancient songs, ballads, and dance tunes, illustrative of the national music of England;... also a short account of the minstrels; the airs harmonized by G. A. Macfarren. *London* [1859]. 2 v. facsim. nar. 4°.

—— *See also* Roxburghe Ballads, under **Ballad** Society.

Child (Francis James). The English and Scottish ballads. *Boston: Little, Brown & Co.*, 1860. 8 v. 8°. (British Poets.)

—— —— —— 1866. 8 v. 8°.

—— The English and Scottish popular ballads. *Boston: Houghton, Mifflin & Co.* [cop. 1882–98] 10 pts. in 5 v. 4°.

—— English and Scottish popular ballads. Edited from the collection of F. J. Child by H. C. Sargent and G. L. Kittredge. *Boston: Houghton, Mifflin & Co.*, 1904. engr. t.-p., xxxi, 730 p., 1 pl., 1 port. 8°. (Cambridge edition of the poets.)

Fluegel (Ewald). Zur Chronologie der englischen Balladen. (Anglia. v. 21, p. 312–358. Halle a Salle, 1899.)

Chronological index to Child's "English and Scottish popular ballads," with critical remarks on the tenth volume of the work.

Hart (Walter Morris). Professor Child and the ballad. (Modern lang. assoc. pub. v. 21, pp. 755–807. *Cambridge*, 1906.)

Choyce drollery: songs & sonnets. Being A Collection of Divers Excellent Pieces of Poetry, of several eminent authors. Now first Reprinted from the Edition of 1656. To which are added the extra songs of Merry drollery, 1661, and An Antidote against Melancholy, 1661: edited, With Special Introductions, and Appendices of Notes, Illustrations, Emendations of Text, &c. By J. Woodfall Ebsworth, M. A., Cantab. *Boston, Lincolnshire: Robert Roberts*, 1876. xxxviii, 3 l., 426 p., and supplement 1, 16 p. 12°.

Civic (The) garland. A collection of songs from London pageants. Edited, with introduction and notes, by F. W. Fairholt. *London: Percy Soc.*, 1845. 2 p.l., xl, 96 p., 1 pl. 12°.

Clark (Charles). John Noakes & Mary Styles; or, "An Essex calf's visit to Tiptree races": a poem, exhibiting some of the most striking lingual localisms peculiar to Essex... *London: J. R. Smith*, 1839. 48 p. 12°.

—— —— Another copy.

Collection (A) of ballads. *Manchester: J. Swindells* [18—?]. 129 l. 8°.

[**Collection** (A) of ballads; broadsides mounted in scrapbooks. *London, Glasgow, etc.*, 17—] 4 v. f°.

Collection (A) of old ballads. Corrected from the best and most ancient copies extant. With introductions historical, critical, or humorous. [By A. Philips.] Illustrated with copper plates. *London: J. Roberts*, 1723–5. 3 v. 8°.

Collection (A) of right merrie garlands for North Country anglers. *Newcastle-on-Tyne: E. Charnley*, 1836. v p. port. 12°.

Consists of "The Fisher's Garland" for 1821–45, with other pieces separately paged and a collective title-page.

—— —— *Newcastle-on-Tyne: G. Rutland*, 1864. xv, 312 p. 8°. l. p.

50 nos. of "The Fisher's Garland," 1820–1864, with a memorial to Izaak Walton, etc.

Collection (A) of seventy-nine black-letter ballads and broadsides, printed in the reign of Queen Elizabeth, between the years 1559 and 1597. Accompanied with an introduction and illustrative notes. *London: J. Lilly*, 1867. xxxvi, 319 p. 8°.

Collection (A) of songs. [*London?* 1775?] 16 pp. sq. 12°.

Collection (A) of songs and ballads relative to the London prentices and trades; and to the affairs of London generally. During the fourteenth, fifteenth, and sixteenth centuries. Edited, with notes and introductions by C. Mackay. *London: Percy Society*, 1841. viii, 157 p. 12°.

Collection (A) of the songs and ballads relative to the London prentices and trades... during the fifteenth, sixteenth, and seventeenth centuries. Edited, with notes and introductions, by C. Mackay. *London: Percy Society*, 1841. viii, 157 p. 12°.

English, cont'd.

Collier (John Payne). A book of Roxburghe ballads. *London: Longmans*, 1847. xxxii, 1 l., 340 p. 8°.

—— Old ballads, from early printed copies of rarity. Edited by J. P. Collier. *London: Percy Society*, 1840. xi, 131 p. 8°.

Country ballads; preserved by tradition... *Pately Bridge: T. Thorpe*, 1869. 1 p.l., 31 p. 12°.

Curiosities of street literature: comprising "cocks," or "catchpennies"...street drolleries... broadsides on the royal family...street political papers; "Ballads on a subject"; dying speeches and confessions. *London: Reeves & Turner*, 1871. 3 p.l., ii, 2 l., a–d, 237, 8 p., 4 pl. 4°.

Delaney (Thomas). *See* **Strange** histories.

De Vaynes (Julia H. L.) *See* **Kentish** (The) garland.

Dibdin (C. A.) Collection of songs, selected from his works. Third edition. *London*, s. a. 2 v. 12°.

Dixon (J. Hepworth). *See* **Ancient** poems, etc.

Early (The) naval ballads of England. Collected and edited by J. O. Halliwell. *London: Percy Society*, 1841. xii, 144 p. 12°.

Ebsworth (J. Woodfall). *See* **Choyce** drollery; **Merry** drollery; **Westminster** drolleries.

Elliott (J. W.) Mother Goose's nursery rhymes. Set to music by J. W. E. *New York: McLoughlin Bros.* [1890?] 2 p.l., 110 p. 8°.

Epistolary (An) letter from T..... H..... to Sir H.... S.... e; who saved his life, and desired him to send over all the rarities he could find in his travels. Printed at Dublin and Reprinted at London for T. Payne...1729. *London: Reprinted by E. A. B. Mordaunt*, 1904. 7 p. 2. ed. 12°.

Evans (Thomas). Old ballads, historical and narrative, with some of modern date, collected from the rare copies and MSS., a new edition, by R. H. Evans. *London*, 1810. 4 v. 8°.

Fairlop and its founder; or, Facts and fun for the forest frolickers... Contains memoirs, anecdotes, poems, songs, &c., with the curious Will of Mr. Day, never before printed. *Totham: C. Clark's*, 1847. 20 l. 8°.

Printed on one side of the leaf only.

Fairy (The) family: a series of ballads and metrical tales. Illustrating the fairy mythology of Europe. [By Archibald Maclaren.] *London: Longmans*, 1857. xv, 1 l., 80, 98–283 p., 2 pl. 12°.

Flügel (Ewald). Liedersammlungen des XVI. Jahrhunderts, besonders aus der Zeit Heinrich's VIII. (Anglia. v. 12, pp. 225–272, 585–597; v. 26, pp. 94–285. *Halle a. S.*, 1889–1903.)

—— Zur Chronologie der englischen Balladen. (Anglia. v. 21, pp. 312–358. *Halle a. S.*, 1899.)

Chronological index to Child's "English and Scottish popular ballads," with critical remarks on the tenth volume of the work.

Garland (A) of old historical ballads, 1600–1752. 1., Marie Hamilton; 2., Rob Oig; 3., Willy and Mary. *Edinburgh: The Aungervyle Soc.*, 1881. 20 p. 8°. (In: The Aungervyle Soc. [Publications.] no. 5.)

Gaultier (Bon). The book of ballads. Edited by Bon Gaultier [*i. e.*, Sir Theodore Martin and W. E. Aytoun], and illustrated by Alfred Crowquill [*i. e.*, A. H. Forrester]. *London: W. S. Orr & Co.*, 1848. 4 p.l., 152 p., 1 port. 16°.

—— —— *London: W. S. Orr & Co.*, 1849. 4 p.l., 203 p., 1 port. 16°.

Goodwin (James). Six ballads, with burdens. From MS... in the library of Corpus Christi College, Cambridge. *London: Percy Society*, 1844. xii, 15 p. 8°.

Görbing (Friedrich). Beispiele von realisierten Mythen in den englischen und schottischen Balladen. (Anglia. v. 23, pp. 1–13. *Halle a. S.*, 1900.)

Gower (John). John Gower's Minnesang und Ehezuchtbüchlein LXXII. anglonormannische Balladen aus Anlass der Vermählung seines lieben Freundes und Collegen Wilhelm Vietor, neu herausg. von E. Stengel. *Marburg: N. G. Elwert*, 1886. iv, 28 p. 8°. (Ausg. und Abhandl. aus... der roman. Philol... LXIV.)

Grundtvig (S. H.) S. Engelske og Skotske folkviser fordanskede. *Kjöbenhavn*, 1842–43. 8°.

Gutch (John Matthew). A lytell geste of Robin Hode, with other ballads and songs relating to [him]; with cuts by F. W. Fairholt. *London*, 1847. 2 v. 8°.

Hall (Samuel Carter). The Book of British ballads. *London: J. How*, 1842–45. 2 v. 4°.

—— The book of British ballads. Edited by S. C. Hall, Esq., with preliminary remarks to each ballad, and an introduction by Park Benjamin. *New York: Douglas* [cop. 1884]. 2 p.l., vii–xi, 153 p. 8°.

—— —— *London*, n. d. illus. 8°.

Halliwell (J. O.) *See* **Ballads** and poems; **Early** naval ballads; **Nursery** rhymes of England.

Hardy (Thomas). William Barnes, a biographical note, and, The fire at Tranter Sweatley's, a Wessex ballad. pp. xlvii–lxiii, 1 l. (Bd. with: Johnson (L.) The art of Thomas Hardy... *London*, 1894. 8°.)

Hartshorne (C. H.) Ancient metrical tales, printed chiefly from original sources. *London*, 1829. 8°.

Hayley (William). Ballads...founded on anecdotes relating to animals, with prints designed and engraved by William Blake. *London: R. Phillips*, 1805. 2 p.l., 212 p., 1 l., 5 pl. 16°.

Hazlitt (W. Carew). *See* **Remains** of the early popular poetry of England.

Hecht (Hans). Neuere Literatur zur englisch-schottischen Balladendichtung. (Englische Studien. v. 36, pp. 370–384. *Leipzig*, 1906.)

Historical anecdotes of the life of Robin Hood; with a collection of the ancient poems, songs and ballads relative to that...English outlaw. *London: the booksellers*, 1846. viii, 9–256 p., 1 pl. 16°.

—— *See also* **Robin** Hood.

English, cont'd.

History (The) of Tommy Potts; or, the Lovers' quarrell. *London*, n. d. 24 p. 16°.

Hood (Robin). *See* **Historical** anecdotes; **Lytell** geste of Robin Hode; **Robin** Hood.

Hugh of Lincoln. *See* **Ballads** and poems respecting Hugh of Lincoln.

Illustrated (The) book of English songs. From the sixteenth to the nineteenth century. [*London:*] *Illustrated London Library* [185–]. 2 p.l., iii–xvi, 336 p., 1 pl. 3. ed. 12°.

—— —— *London: H. Ingram* [185–]. 1 p.l., xvi, 17–318 p., 1 pl. 4. ed. 8°.

Imelmann (Rudolf). Zur Kenntnis der vorshakespearischen Lyrik: I. Wynkyn de Wordes "Song booke," 1530; II. John Dayes Sammlung der Lieder Thomas Wythornes, 1571. (Jahrb. d. deut. Shakespeare Gesellsch. Jahrg. 39, pp. 121–178. *Berlin*, 1903.)

Jamieson (R.) Popular ballads and songs, from traditions, MSS. and scarce editions; with translations of similar pieces, from the ancient Danish language, and a few originals by the editor. *Edinburgh: A. Constable & Co.* 2 v. 8°.

Johnson (R. B.) Popular British ballads, ancient and modern. Chosen by R. B. Johnson. *London: J. M. Dent & Co.*, 1894. 4 v. 12°.

Jolly (The) patriots: A new ballad. To the tune of How pleasant a sailor's life passes! *London: W. Webb*, 1744. 7 pp. f°.

Karsten (Gustaf E.) The ballad of the cruel Moor. (Jour. Germanic Philol. v. 3, pp. 354–361. *Bloomington, Ind.*, 1901.)

Kentish (The) garland. Edited by Julia H. L. De Vaynes. With additional notes, and pictorial illustrations... from the... originals, by J. W. Ebsworth. *Hertford: S. Austin & Sons*, 1881. v. 1. 8°.
Complete in 2 v.

King (The) of birds; or, The lay of the phœnix. An Anglo-Saxon song of the 10th or 11th century, now first translated into the metre and alliteration of the original by George Stephens. (Archæologia, v. 30. *London*, 1844.)

Lilly (Joseph). *See* **Collection** (A) of seventy-nine Black-letter ballads.

Little (A) book of ballads. [Edited by E. V. Utterson.] *Newport: printed by Yelf & Co.*, 1836. 2 p.l., 72 p. 12°.

Logan (W. H.) A pedlar's pack of ballads and songs. With illustrative notes. *Edinburgh: Patterson*, 1869. xv, 479 p. 8°.

Lytell (A) geste of Robin Hode with other ancient & modern ballads and songs relating to this ... yeoman to which is prefixed his history... grounded upon other documents than those made use of by his former biographer, "Mister Ritson." Edited by John Mathew Gutch. *London: Longmans*, 1847. 2 v. 8°.

Mac Donagh (Michael). The ballads of the people. (Nineteenth Century & After. v. 54, pp. 458–471. *London*, 1903.)

Mackay (C.) *See* **Collection** of songs and ballads.

Maclaren (Archibald). *See* **Fairy** (The) family.

Martin (*Sir* Theodore). *See* **Gaultier** (Bon).

Merry drollery compleat, being Jovial Poems, Merry Songs, &c., collected by W. N., C. B., R. S., & J. G., Lovers of Wit, Both Parts; 1661, 1670, 1691. Now First Reprinted from the Final Edition, 1691. Edited, with a Special Introduction, an appendix of Notes, Illustrations, and Emendations of Text; and Frontispiece; By J. Woodfall Ebsworth, M.A., Cantab. *Boston, Lincolnshire: Printed by Robert Roberts*, 1875. 4 p.l., xl, 408 p. 12°.

Moore (J. S.) The pictorial book of ancient ballad poetry of Great Britain... To which are added, a selection of modern imitations, and some translations. *London: H. Washbourne & Co.*, 1853. New ed. 5 p.l., 871 (1) p., 1 pl. 8°.

—— The pictorial book of old English ballads, traditional and romantic, with glossary and notes. *London*, 1849. 8°.

Morley (Henry). The king and the commons; Cavalier and Puritan song, selected and arranged by M. 2d ed. *New York*, [*London printed*] 1869. facsim. 24°.

Motherwell (William). Minstrelsy: ancient and modern, with an historical introduction and notes. *Glasgow: J. Wylie*, 1827. engr. title, 2 p.l., cv, iii, 390, xxiv (1) p., 9 l., 1 pl. 8°.

—— —— *Boston*, 1846. 2 v. 12°.

Narrative of the miraculous cure of Anne Munnings, of Colchester... on New Year's day, 1705; Crafty Kate, of Colchester, or The false-hearted clothier frightened into good manners, a rare and whimsical ballad; An extraordinary love-letter... to a lady of Maldon... 1664; and The Maldon Martyr's prayer, 1555. *Totham: C. Clark*, 1867. 3 l. 8°.

National songs and poetical pieces. . edited, with introduction and notes, by H. Williams... *London: H. Hetherington*, 1839. iv, 1 l., 7–84 p. 12°.

Night (A) frae hame, Oration on teetotalization, and Parody on The last rose of summer. *Paisley: G. Caldwell & Son*, 1842. 8 p. 16°.

Noble (A) dewel; or, An unmatchable combate betwixt Sir William... and the Earl of Southast... (Scot. Hist Rev. v. 3, pp. 2–5. *Glasgow*, 1905.)
Ballad describing a duel which occurred in 1660, between James, earl of Southesk, and Sir Wm. Gray.

Nursery (The) rhymes of England, collected principally from oral tradition. Edited by J. S. Halliwell. *London: Percy Society*, 1842. viii, 192 p. 12°.

Old English songs, A.D. 1250–1789. *n. t. p.* [*Morristown, N. J.: "Banner Steam Print,"* 18—?] 11 p. nar. 8°.

Old sea chanties. Collected and arranged by J. Bradford and A. Fagge. *London: Metzler & Co., Ltd.*, cop. 1904. 17 p. f°.

Old tayles newlye relayted. Enryched with all ancyente embellyshments. v. p. [*London:*] *The Leadenhall Press* [1883]. 4°.

Original ballads by living authors. Edited by the Rev. Henry Thompson, M.A. *London: J. Masters*, 1850. xiv, 1 l., 256 p. 8°.

Percy (Thomas), *Bishop of Dromore*. Reliques of ancient English poetry: consisting of old heroic ballads, songs, and other pieces of our poets (chiefly

English, cont'd.

of the lyric kind). Together with some few of later date. *London: J. Dodsley*, 1767. 2. ed. v. 1. 8°.

—— —— *Philadelphia: J. E Moore*, 1823. 1. Am. fr. 5. Lond. ed. v. 3. 8°.

—— —— *London: L. A. Lewis*, 1839. 4. ed. 3 v. 8°.

—— —— *London: H. Washbourne*, 1847. 4. ed. 3 v. 8°.

—— —— *Philadelphia: F. Bell*, 1855. 2 p.l., l, 51–558 p. 8°.

—— —— *Philadelphia: C. Desilver*, 1856. 1 p.l., l, 51–558 p., 1 pl. 8°.

—— —— Bishop Percy's folio manuscript. Ballads and romances. Edited by J. W. Hales... F. J. Furnival [and others]. *London: N. Trübner & Co.*, 1867–8. 4 v. 8°.

—— The hermit of Warkworth, a Northumberland Ballad. Embellished with wood engravings by Nesbitt and Clennell, from designs by Thurston. *London: A. Scholey*, 1806. viii, 60 p. 4°.

—— —— (In: Percy's masque. *New York*, 1820. 12°. pp. 103–150.)

—— —— *Alnwick: W. Davison*, n. d. 1 p.l., v–vi, 7–44 p., 1 pl. 16°.

—— —— *London*, 1771; *repr.*, *Edinburgh: The Aungervyle Soc.*, 1883. 3 pts. 42 p. 8°. (Aungervyle Soc. Pub. no. 21–23.)

—— RIMBAULT (Edward Francis). Musical illustrations of Bishop Percy's Reliques. *London*, 1850. 4°.

Percy Society. Early English poetry, ballads, and popular literature of the Middle Ages. Edited from original manuscripts and scarce publications. *London*, 1840–52. 30 v. 12°.

Above is the cover title for the individual works noted below.

v. 1. Old ballads from early printed copies. Ed. by J. P. Collier.
Songs and ballads relative to the London prentices. Ed. by C. Mackay.
Historical songs of Ireland. Ed. by T. C. Croker.
Pain and sorrow of evil marriage. Ed. by J. P. Collier.
The King and a poor northern man. Ed. by J. P. Collier.

v. 2. A selection from the minor poems of Lydgate. Ed. by J. O. Halliwell.
Early naval ballads of England. Ed. by. J. O. Halliwell.
A search for money, by William Rowley. Ed. by J. P. Collier.
The mad pranks and merry jests of Robin Goodfellow. Ed. by J. P. Collier.

v. 3. Political ballads published in England during the Commonwealth. Ed. by T. Wright.
Strange histories, by Thomas Deloney. Ed. by J. P. Collier.
A marriage triumph, by Thomas Heywood. Ed. by J. P. Collier.
The history of Patient Grissel. Ed. by J. P. Collier.

v. 4. Specimens of lyric poetry. Temp. Edw. I. Ed. by T. Wright.
The boke of curtasye. Ed. by J. O. Halliwell.
Specimens of old Christmas carols. Ed. by T. Wright.
The nursery rhymes of England. Ed. by J. O. Halliwell.

v. 5. Kind-Heart's dream, by Henry Chettle. 1592. Ed. by E. F. Rimbault.
A knight's conjuring, by Thomas Dekker. 1607. Ed. by E. F. Rimbault.
The meeting of gallants at an ordinarie. 1604. Ed. by Halliwell.
The two angry women of Abingdon, by H. Porter. 1599. Ed. by the Rev. A. Dyce.

v. 6. Ancient poetical tracts of the sixteenth century. Ed. by E. F. Rimbault.
Cock Lorell's bote. Ed. by E F. Rimbault.
The crown garland of golden roses. Ed. by W. Chappell.
Follie's anatomy, by Henry Hutton. Ed. by E. F. Rimbault.
Poems by Sir Henry Wotton. Ed. by the Rev. A. Dyce.

v. 7. The harmony of birds. Ed. by J. P. Collier.
A paraphrase on the Seven Penitential Psalms in English verse. Ed. by W. H. Black.
The harmony of the church, by Michael Drayton. 1591. Ed. by the Rev. A. Dyce.
Jack of Dover. 1604. Ed. by T. Wright.
A Kerry pastoral. Ed. by T. C. Croker.

v. 8. A selection of Latin stories. Ed. by T. Wright.
A dialogue of witches and witchcraft, by George Gifford. Ed. by T. Wright.

v. 9. The four knaves, by Samuel Rowlands. Ed. by E. F. Rimbault.
A poem to the memory of William Congreve, by James Thomson. Ed. by P. Cunningham.
The pleased conceits of old Hobson, the merry Londoner. Ed. by J. O. Halliwell.
Maroccus Extaticus: or Bankes' bay horse in a trance, 1597. Ed. by E. F. Rimbault.
Old ballads illustrating the great frost of 1683–4. Ed. by E. F. Rimbault.

v. 10. Lord Mayors' Pageants: Parts 1 and 2. Ed. by F. W. Fairholt.

v. 11. The owl and the nightingale. Ed. by T. Wright.
Thirteen Psalms and the first chapter of Ecclesiastes, versified by J. Croke. Ed. by P. Bliss.
An historicall expostulation, etc., by John Hall. 1565. Ed. by T. J. Pettigrew.
The honestie of this age, by Barnaby Rich. 1611. Ed. by P. Cunningham.

v. 12. Reynard the Fox, from Caxton's edition. Ed. by W. J. Thomas.

v. 13. The Keen of the South of Ireland. Collected by T. C. Croker.
Six ballads, with burdens. Ed. by J. Goodwin.
Lyrical poems, selected from musical publications between 1589 and 1600. Ed. by J. P. Collier.

v. 14. The poems of John Audelay. Ed. by J. O. Halliwell.
St. Brandan, A legend of the sea. Ed. by T. Wright.
The romance of the Emperor Octavian. Ed. by J. O. Halliwell.

v. 15. Friar Bakon's prophesie. Ed. by J. O. Halliwell.
Poetical miscellanies. Ed. by J. O. Halliwell.
The crown garland of golden roses. Part 2. Ed. by W. Chappell.

v. 16. The Seven Sages, with an introductory essay. Ed. by J. O. Halliwell.
The Romance of Syr Tryamoure. Ed. by J. O. Halliwell.

v. 17. Scottish traditional versions of ancient ballads. Ed. by J. H. Dixon.
Ancient poems, ballads, and songs. Ed. by J. H. Dixon.

v. 18. The pastime of pleasure, by Stephen Hawes.

v. 19. The civic garland. Ed. by F. W. Fairholt.
Life and martyrdom of Thomas Becket. Ed. by J. H. Black.

v. 20. Barnfield's Affectionate Shepherd. Ed. by J. O. Halliwell.
Dialogue on wit and folly. Ed. by F. W. Fairholt.
Proverbs and popular sayings. Ed. by M. A. Denham.
Song of Lady Bessy. Ed. by J. O. Halliwell.

v. 21. Popular songs illustrative of the French invasions of Ireland. In four parts. Edited by T. Crofton Croker.

v. 22. The Cytezen and Uplondysham. Ed. by F. W. Fairholt.
An interlude of the four elements. Ed. by J. O. Halliwell.
Interlude of the disobedient child. Ed. by J. O. Halliwell.
The autobiography of Mary, Countess of Warwick. Ed. by T. C. Croker.
Westward for smelts. Ed. by J. O. Halliwell.

v. 23. Songs and carols of the fifteenth century. Ed. by T. Wright.
Festive songs of the sixteenth and seventeenth centuries. Ed. by W. Sandys.
Popular English histories. Ed. by J. O. Halliwell.

English, cont'd.

v. 24. Chaucer's Canterbury tales. Volume the first. Ed. by Thomas Wright.

v. 25. The Canterbury tales of Chaucer. v. 2. Ed. by T. Wright.

v. 26. The Canterbury Tales of Chaucer. v. 3. Ed. by T. Wright.

v. 27. Beleeve as you list. Ed. by T. C. Croker.
Satirical songs and poems on costume. Ed. by F. W. Fairholt.

v. 28. An Anglo-Saxon passion of Saint George. Ed. by the Rev. C. Hardwick.
A poem on the time of Edward II. Ed. by the Rev. C. Hardwick.
The poems of William de Shoreham. Ed. by T. Wright.
The triall of treasure. Ed. by J. O. Halliwell.

v. 29. Notices of fugitive tracts and Chap-books. Ed. by J. O. Halliwell.
The man in the moone. Ed. by J. O. Halliwell.
The use of dice-play. Ed. by J. O. Halliwell.
The loyal garland. Ed. by J. O. Halliwell.
Poems and songs on the assassination of the Duke of Buckingham. Ed. by F. W. Fairholt.

v. 30. The garland of good will. Ed. by J. H. Dixon.
Britannia's Pastorals; a third book. Ed. by T. Crofton Croker.
John Bon and Mast Person; a dialogue in verse. Ed. by W. H. Black.

Philips (A.) *See* **Collection** of old ballads.

Pictorial penny balladist. *London: J. C. Moore* [18—]. 336 p. Pts. 1–8. 8°.
Published in weekly numbers, no title-pages.

Political ballads of the Seventeenth and Eighteenth Centuries annotated by W. Walker Wilkins. *London: Longmans*, 1860. 2 v. 12°.

Political ballads published in England during the Commonwealth. Edited by Thomas Wright. *London: Percy Society*, 1841. xvi, 268 p., 1 l. 12°.

Political (The) songs of England, from the reign of John to that of Edward II. Edited and translated by T. Wright. *London: Camden Soc.*, 1839. xviii, 1 l., 408 p. 8°. (Camden Soc. Pub. v. 6.)

Popular and fashionable songs. *n. p., n. d.* 4 l. 24°.

Prideaux (W. F.) Ballads on the coronation of King George II. (Notes and Queries. ser. 9, v. 10, pp. 121–122. *London*, 1902.)

Ramsay (Allan). The tea-table miscellany: a collection of choice songs, Scots and English. *Edinburgh: A. Donaldson*, 1762. xxxiv, 448 p., 4 l., port. 4 v. in 1. 13. ed. 12°.

—— —— *Edinburgh: A. Kincaid and J. Bell*, 1768. 14. ed. 12°.

Remains of the early popular poetry of England; collected and edited, with introductions and notes, by W. Carew Hazlitt. *London: J. R. Smith*, 1864–6. 4 v. 8°.

Rimbault (E. F.) Old ballads illustrating the great frost of 1683–4, and the fair on the river Thames. *London: Percy Society*, 1844. xxx, 1 l., 38 p. 12°.

Ritson (Joseph). A select collection of English songs, with their original airs, and a historical essay on the origin and progress of national song. Second edition, with additional songs and occasional notes by T. Park. *London*, 1813. 3 v. 12°.

—— A select collection of English songs [Edited, with an historical essay on national song, by Joseph Ritson]. *London: J. Johnson*, 1783. 3 v. 12°.

—— Ancient songs, from the time of King Henry III. to the revolution. [Anon.] *London*, 1790 [1792]. ill. 12°.

—— Pieces of ancient popular poetry: from authentic manuscripts and old printed copies... Adorned with cuts... *London: W. Pickering*, 1833. xvi, 1 l., 172 p. 2. ed. 8°.

—— *See also* **Lytell** geste of Robin Hode; **Robin** Hood.

Roberts (John S.) The legendary ballads of England and Scotland. *London* [1870?]. 12°. (Chandos classics.)

Robin Hood: a collection of all the ancient poems, songs, and ballads, now extant, relative to that celebrated English outlaw: to which are prefixed, historical anecdotes of his life [Edited by Joseph Ritson]. *n. p., n. d.* iv, 112 pp. 8°.

—— —— *London: C. Stocking*, 1823. x, lxxiv, 240 p. 16°.

—— *See also* **Historical** anecdotes; **Lytell** geste of Robin Hode.

Robson (John). Three early English metrical romances. With an introduction and glossary. *London: Camden Society*, 1842. xlv, 132 p., 1 facsim. 8°.

Rondelay; or, The New Syren; a collection of choice songs. *London* [1780?]. xi-xii, 292 pp. 16°.
Title-page and pp. 1-x missing.

Roxburghe ballads. *See* **Ballad** Society; **Collier** (J. P.)

Sawyer (F. E.) Sussex songs and music. (Jour. Brit. Archæol. Assoc. v. 42, pp. 306–327. *London*, 1886.)

Scott (*Sir* Walter). Minstrelsy of the Scottish border: consisting of historical and romantic ballads, collected in the southern counties of Scotland; with a few of modern date. *London: T. Tegg*, 1839. 1 p.l., lxxiii, 559 p., 1 port. 8°.

—— —— *n. p., n. d.* 488 p. 8°.

Select pieces of early popular poetry: re-published principally from early printed copies, in the black letter... [Edited by E. V. Utterson.] *London: Longman*, 1817. 2 v. 8°.

Sharp (Cecil J.), *and* CHARLES L. MARSON. Folk songs from Somerset: gathered and edited with pianoforte accompaniment. 3. series. *London: Simpkin & Co., Ltd.*, 1906. xi, 82 p. 4°.

Sharp (*Sir* Cuthbert). *See* Bishoprick (The) garland.

Sheldon (F.) The minstrelsy of the English border. Being a collection of ballads, ancient, remodelled, and original, founded on well known border legends. With... notes. *London: Longmans*, 1847. xx, 432 p. 8°.

[**Sir** John Barleycorn.] Zwei unbekannte Fassungen des Sir John Barleycorn [edited by Otto Ritter]. (Anglia, v. 27, p. 450–452. *Halle*, 1904.)

Sir Patrick Spence, all the preserved versions, synoptically reprinted from Child's Ballads for the use of English seminaries. *Berlin: Mayer & Müller*, 1904. folder. 8°.

Six ballads with burdens. From MS... in... Corpus Christi College, Cambridge. Edited by J. Goodwin. *London: Percy Society*, 1844. xii, 15 p. 12°.

English, cont'd.

Skylark (The): containing a...collection of ...English songs...to which are added...II a new and correct list of all the Freemason's lodges in Europe; with the time of their institution and days of meeting. III. the art of swimming, diving and floating; by which any person may learn to swim without further instruction. IV. a concise account of all sorts of river and pond fish, the best baits...V. rules and laws to be observed at the game of cricket, as settled at the most respectable meetings. *London: T. Evans*, 1772. sq. 32°.

Skylark (The). Being an elegant collection of the best and newest songs in the English language. *London: Vernor & Hood* [1800]. 1 p.l., xii, 300 pp., 1 pl. 16°.

Somervell (Arthur). Songs of the four nations. A collection of old songs of the people of England, Scotland, Ireland and Wales, for the most part never before published...Edited by H. Boulton... The music arranged by A. Somervell. *London: J.B. Cramer & Co.*, 1893. viii, 3 l., 270 p. 6. ed. f°.

Songs (The) and ballads of the cavaliers. Edited by C. Mackay. *London: C. Griffin & Co.*, 1864. viii, 4 l., 310 pp. 12°.

Songs and carols, from a MS. of the 15th century. Edited by Thos. Wright. *London*, 1847. 12°. (Percy Soc. Pub., no. 73.)

Songs of England, [Ireland] and Scotland. *London*. 1835. 2 v. ports., pl. 16°.

Songster's (The) museum; a new and choice collection of popular songs, selected from the best authors. *Hartford: H. Benton*, 1835. 72 p. 16°.

Stagg (John). The minstrel of the North; or, Cumbrian legends; being a poetical miscellany of legendary, Gothic and romantic tales. *Manchester: the Author*, 1816. 4 p.l., 352 p. 8°.

Stengel (E). *See* **Gower** (John).

Strange histories: consisting of ballads and other poems, principally by Thomas Delaney. From the edition of 1607. With an introduction and notes. *London: Percy Society*, 1841. viii, 76 p. 12°.

Sussex songs. (Popular songs of Sussex.) Arranged by H. J. Birch Reynardson. *London: Stanley, Lucas, Weber & Co.* [189–?] 2 p.l., 47 p. 4°.

Taillefer (N.) Rondeaus of the British volunteers. *London: S. Lucas, Weber & Co.*, 1878. 4. ed. vii, 118 p. 8°.

Thompson (Henry). *See* **Original** ballads.

Thornbury (Walter). Historical and legendary ballads and songs. Illustrated by G. Whistler, F. Walker, John Tenniel, J. D. Watson, W. Small, F. Sandys, G. F. Pinwell, J. Morten, M. F. Lawless, and many others. *Boston: W. F. Gill & Co.*, 1876. xxiii (i), 280 p., 1 l. 4°.

—— —— *London*, 1877. illus. pl. 4°.

Thornbury (George Walter). Songs of the Cavaliers and Roundheads, Jacobite ballads, &c., &c. With illustrations by H. S. Marks. *London: Hurst & Blackett*, 1857. viii, 328 p., 6 pl. 12°.

Three famous new songs called: Effects of whiskey. The valley below. Larry O'Gaff. *Paisley: G. Caldwell, jun.* [18—] 8 p. 16°.

Towneley (The) mss. English Jacobite ballads, songs and satires, etc. From the mss. of Towneley Hall, Lancashire. Edited, with introduction ... by A. B. Grosart. [*Manchester: privately printed*,] 1877. xxviii, 200 p. sq. 8°.

Turnament (The) of Totenham and the feast. Two early ballads printed from a MSS. preserved in the Public Library of the University of Cambridge. *London: W. Pickering*, 1836. xiv, 20, 22 p. 24°.

Uncle Tom (The) song-book. *Dublin: J. F. Nugent* [18—]. 32 p. 32°.

Universal (The) songster; or, Museum of mirth: forming the most complete ... collection of ancient and modern songs in the English language ...with index...frontispiece, and twenty-nine woodcuts designed by G. & R. Cruikshank, and engraved by J. R. Marshall. *London: Jones & Co.* [183–] 3 v. 8°.

—— —— 1834. 3 v. 8°.

Utterson (E. V.) *See* **Little** book of ballads; **Select** pieces.

Vietor (Wilhelm). *See* **Gower** (John).

Vocalist's (The) cabinet and forum of jests. *London: O. Hodgson* [18—]. 1 p.l., 144, 48 p., 1 pl. 16°.

Volkslied (Das) der Briten. 1. England. (Neue Musik-Zeitung. v. 35, no. 13, pp. 271–273; no. 14, pp. 293–297. *Stuttgart-Leipzig*, 1904.)

Waugh (Arthur). The Poetry of the South African campaign. (Anglo-Saxon Rev. v. 7, Dec. 1900, pp. 42–58. *London*, 1900.)

Westminster drolleries, Both Parts, of 1671, 1672; being A Choice Collection of songs and poems, Sung at Court & Theatres: With Additions made by 'A Person of Quality.' Now First Reprinted from the Original Editions. Edited, With an Introduction on the Literature of the Drolleries; a copious appendix of Notes, Illustrations and Emendations of Text; a Table of Contents, and Index of First Lines of Songs and Poems; By J. Woodfall Ebsworth, M.A., Cantab. *Boston, Lincolnshire: R. Roberts*, 1875. 4 p.l., xliv, 1 l., 125 (1), 3 l., 132, 1 l., lxxxiv p. 12°.

Whyte (W. Ritchie). Book of words of the latest patriotic, sentimental, and character songs. 8 p. *n. p.*, 1890. 8°.

Wilkins (W. Walker). *See* **Political** ballads of the 17th and 18th Centuries.

Williams (R.) A poore man's pittance. Edited from the author's autograph MS. by F. J. Furnivall. *London: Ballad Soc.*, 1868. 8°. (In: Ballads from manuscripts. London. 1868–73. 2 v. 8°. v. 2. pt. 1, pp. 1–60.)

Wilson (A.) Watty & Meg; or, The wife reformed. Owere true a tale. [By A. Wilson.] *Paisley: G. Caldwell & Co.* [18—] 8 p. 16°.

Wilson (Charles Henry). The myrtle and vine; or, Complete vocal library. Containing a ... collection of...songs...With an essay on singing and song writing: to which are added, biographical anecdotes of...song writers. *London: West ana Hughes* [1802 ?]. 4 v. in 2. 12°.

Wilson (H. Lane). Old English melodies. Words and music arranged by H. L. Wilson. *London: Boosey & Co.*, cop. 1899. 2 p.l., 119 p. 4°.

English, cont'd.

Wiltshire (The) ballads; or, A new song composed by an old Cavalier ... [On the refusal of the citizens of Salisbury to sign a petition in favor of the Exclusion Bill.] *London*, 1680. broadside. f°.

Wreath (The) of freedom; or, Patriot's song book, being a collection of songs in favour of public liberty ... *New Castle upon Tyne: J. Marshall*, 1820. 40 p. 12°.

Wright (Thomas). *See* **Pictorial** ballads; **Pictorial** songs; **Songs** and carols.

Esthonian.

Kallas (Oskar). Die Wiederholungslieder der estnischen Volkspoesie. [v.] 1. *Helsingfors: Finn. Litter.*, 1901. 8°. (Soumalais-ugrilaisen Seuran toimituksia. [v.] 16.)

Teza (Emilio). Dalle canzoni di popolo in lingua estone. (R. istituto veneto. Atti, v. 61, pt. 2, pp. 51–62. *Venezia*, 1901.)

Faroe Islands.

Norwegische, isländische, färöische Volkslieder der Vorzeit. In den Versmassen der Originale übertragen von R. Warrens. *Hamburg: Hoffmann & Campe*, 1866. xiii, 1 l., 432 p. 16°. (Germanische Volkslieder der Vorzeit. Bd. 4.)

Fijian.

Gordon (*Sir* Arthur). On Fijian poetry. (Transactions of the Ninth Internat. Congress of Orientalists. v. 2, pp. 731–753. *London*, 1893.)

Finnish.

Tetzner (F.) Finnisch-ugrische volkskundliche Studien. (Globus. v. 80, pp. 233–235. *Braunschweig*, 1901.)

Flemish.

Antwerpener Liederbuch vom Jahre 1544; nach dem einzigen noch vorhandenen Exemplare. (Hoffmann von Fallersleben, A. H. Horæ Belgicæ, pt. 11. 1855.)

Chansons populaires des provinces belges. Anthologie, introduction, harmonisations et notes par E. Closson. *Bruxelles: Schott Frères*, cop. 1905. xvi, 3 l., 223 p. f°.

Coussemaker (Charles Edmond Henri de). Chants populaires des Flamands de France, recueillis et publiés avec les mélodies originales, une traduction française et des notes. *Gand: F. et E. Gyselynk*, 1856. 2 p.l., xxvi, 419 p., 13 pl. 4°.

Liedjesboek of verzameling van Vlaamsche volkslievderen. 23 p. *Gent: Snoeck-Ducaju & Zoon* [189–?]. 24°.

Formosan.

Florenz (*Dr.* Karl). Formosanische Volkslieder nach chinesischen Quellen. (Deutsche Gesellschaft für Natur- und Völkerkunde Ostasiens, Mittheilungen. v. 7, pp. 110–158. *Tokyo*, 1898.)

French.

See also Alsatian, Belgian, Breton, Languedoc, Swiss.

Almanach de la chansonnette. Paroles de F. Tourte; musique de G. Douay. 1880–81, 1883–88, 1890–98. *Paris: Delarue* [1879–97]. 12°.

Almanach des chansons comiques. 1880–81, 1883–96, 1898. *Paris: Delarue* [1879–97]. 16°.

Almanach des chansons de noces. 1880–81, 1883–88, 1890–98. *Paris: Delarue* [1879–97]. 12°.

Almanach des chansons pour rire...Musique de G. Douay. 1880–81, 1883–88, 1890–98. *Paris: Delarue* [1879–97]. 12°.

Almanach chantant. 1881, 1889, 1892, 1898. *Paris: C. Noblet* [1880–97]. 16°.

Almanach chantant: choix des plus jolies chansons françaises. 1880, 1882–88, 1890–96, 1898. Ann. 28, 30–36, 38–44, 46. *Paris: Delarue* [1879–97]. 16°.

Almanach illustré de la vieille chanson. 1880–81, 1883, 1885–98. *Paris: Delarue* [1879–97]. 12°.

Almanach de la jeune chanson française. 1882–83, 1885–86. Ann. 19–20, 22–23. *Paris: Bernardin-Béchet* [1881–85]. 16°.

Almanach de la nouvelle chanson. 1880–81, 1883. Ann. 13–14, 16. *Paris: Le Bailly* [1879–82]. 24°.

Almanach Republicain chantant, pour l'an 2e, de la République française...avec la Declaration des droits de l'homme, et le maximum par le citoyen B***. *Paris: Lallemand* [1794]. 127 p. 48°.

Aulard (A.) La querelle de la "Marseillaise" et du "Réveil du peuple." (Grande rev. v. 11, pp. 41–60. *Paris*, 1899.)

Beauquier (Charles). Chansons populaires recueilles en Franche-Comté. *Paris: E. Lechevalier*, 1894. 3 p.l., 388 p. 8°.

Bordes (Ch.) Chansons recueillies dans les Gorges du Tarn. (Rev. d. traditions populaires. *Paris*, 1898. 8°. v. 13, pp. 662–663.)

Bornstein (Paul). Das französische Chanson im xix Jahrhundert. Ein Ueberblick. (Nord u. Süd. v. 100, pp. 366–383. *Breslau*, 1902.)

Boyer (Abel). The complete French master... containing: 1. A new...French grammar... 6. A collection of French songs. 7. A collection of choice proverbs... *London: S. and E. Ballard*, 1756. vi, 7–416 p. 18. ed. 12°.

Branchet (Léon), *and* JOHANNÈS PLANTADIS. Chansons populaires du Limousin par L. Branchet et J. Plantadis. *Paris: H. Champion* [1904]. 36 p., 1 l. 4°. (Recueil de chants populaires de la France [Pt. 1].)

Bujeaud (Jérome). Chants et chansons populaires des provinces de l'ouest, Poitou, Saintonge, Aunis et Angoumois, avec les airs originaux. *Niort*, 1866. 2 v. nar. 4°.

Cantatrice (La) grammairienne; ou, L'art d'apprendre l'orthographe française...par le moyen des chansons érotiques, pastorales, villageoises... &c. Avec un portrait des...chansonniers les plus agréables, et un modèle de lettres...par M. l'abbé *** de Grenoble. *Genève: J. S. Grabit*, 1788. xvi, 416 p. 8°.

Celor (François). Chansons & bourrées Limousines. (Bull. Soc. scientif., hist. et. archéol. de la Corrèze. v. 21, pp. 23–69, 215–250, 440–464, 545–572; v. 22, pp. 237–260, 446–461, 571–601; v. 23, pp. 286–312, 405–415; v. 24, pp. 127–142, 551–557, 605–630; v. 26, pp. 651–657. *Brive*, 1899–1904).

Chaminade (Eugène), *and* E. CASSE. Chansons patoises du Périgord. Avec adaptation en vers

French, cont'd.

blancs au rythme musical. Traduction littérale par E. Chaminade et E. Casse. *Paris: H. Champion* [1904?]. 28 p., 1 l. 4°. (Recueil de chants populaires de la France [Pt. 2].)

Chansonnier (Le) français de Saint-Germain-des Prés (Bibl. Nat. Fr. 20050); reproduction phototypique avec transcription par P. Meyer et G. Raynaud. t. 1. *Paris: Firmin Didot & Cie.*, 1892. 8°. (Soc. des Anc. Textes Français.)

Chansonnier (Le) de Mme. Angot: almanach des bons lurons. 1885–86. *Paris: Delarue* [1884–85]. 12°.

Chansons patriotiques; La carmagnole marseillaise, sur la prise de Toulon [La Guingueringuette, sur la prise de Toulon]. *n. t.-p.* [*Paris*, 1793?] 7 p. 12°.

Chansons du XVe siècle, publiées...par G. Paris et accompagnées de la musique transcrite en notation moderne par A. Gevaert. *Paris: Firmin Didot & Cie.*, 1875. 1 p.l., xx, 175, 1 l., 78 p., 2 facsim. 8°. (Soc. des anc. textes français.)

Chants et chansons populaires de la France. *Paris: Garnier Frères*, 1843. 3 v. 4°.

Chants et chansons populaires de la France. Nouv. éd., illustrée d'après les dessins de Mm. E. de Beaumont, Daubigny, Dubouloz, E. Girard, Meissonier, Pascal, Staal, Steinheil et Trimolet. Gravés par les meilleurs artistes. *Paris*, 1855. 3 v. 8°.

With music.

Contents: v. 1. Chants guerriers et patriotiques, chansons bachiques; v. 2. Chansons et chansonettes, chansons burlesques et satiriques; v. 3. Chansons choises, romances, rondes et complaintes.

Chants et dictons ajoulots; recueillis par M. l'abbé D'Ancourt. (Schweizerisches Archiv für Volkskunde. *Zürich*, 1898. 8°. Jahrg. 2, pp. 152–158.)

Contensou (Chanoine A.) Chansons et Bourrées limousines. (Bull. archéol. & hist. de la Soc. archéol. de Tarn & Geronne. v. 27, pp. 133–137. *Montauban*, 1899.)

Dauzat (A.) Chansons d'Auvergne. (Rev. d. traditions pop. v. 14, pp. 460–473, 608–609; v. 15, pp. 11–12. *Paris*, 1899.)

Doncieux (George). La chanson du roi Renaud; ses dérivées romanes, sa parenté celtique et scandinave [Avec texte critique]. (Romania, v. 29, pp. 219–256. *Paris*, 1900.)

[**Ducos** (J. F.)] Le voyage de provins; potpourri [en vers]. *n. t.-p.* [*Paris*], n. d. 4 p. 12°.

Etrennes de Polymnie. Recueil de chansons, romances, vaudevilles, &c. *Paris: Le Roy*, 1786–92. 5 v. 24°.

Fleury-Husson (Jules François Felix). Chansons populaires des provinces de France. Notices par Chamfleury [pseudonym of Fleury-Husson]. Accompagnement de piano par Jean Baptiste Weckerlin. Illustrations par Mm. Bida, Braquemond [and others]... *Paris: Bourdilliat & Cie.*, 1860. 2 p.l., xxvii, 224 p., 1 pl. 4°.

Fourier de Bacourt (E.), *comte*. Anciens chants populaires du Barrois. (Société d'Archéologie lorraine. Mémoires. [t. 44.] pp. 339–384, 4 l. of music; [t. 46.] pp. 269–314, 4 l. of music; [t. 48] pp. 207–256, 5 l. of music. *Nancy*, 1894–98. 8°.)

French Songs. Collection of French songs (words only) by various authors, chiefly of the 18th century; and poems. 10 vols. 4° and 12°. morocco. MS.

Gaudriole (La): almanach des bons vivants. Contenant un choix des plus jolies chansons... 1880–81, 1883–88, 1890–96, 1898. *Paris: Delarue* [1879–97]. 12°.

Grand almanach chantant universel. 1883. Ann. 17. *Paris: Le Bailly* [1882]. f°.

Haupt (M.) Französische Volkslieder zusammengestellt von M. H. und aus seinem Nachlass hrsg. [von A. Tobler] *Leipzig: S. Hirzel*, 1877. viii, 177 p. 16°.

Indy (Vincent d'). Chansons populaires du Vivarais. Recueillies et transcrites avec accompagnement de piano par V. d'Indy. *Paris: A. Durand & Fils* [190–?]. 1 p.l., viii, 161 p. 4°.

Jeanroy (A.) Refrains inédits du xiiie siècle. (Rev. d. langues romanes. v. 45 (sér. 5, v. 5.) pp. 193–210. *Montpellier*, 1902.)

Jeanroy (A), *and* H. Guy. Chansons et dits artéscens du XIIIe siècle. *Bordeaux: Feret & Fils*, 1898. 166 p. 8°. (Bibliothèque des universités du midi. Fasc. 2.)

Kastner (Jean Georges). Parémiologie musicale de la langue Française; ou, Explication des proverbes, locutions proverbiales, mots figurés, qui tirent leur origine de la musique. *Paris* [1886?]. sm. sq. f°.

—— Les voix de Paris, essai d'une histoire littéraire et musicale des cris populaires de la capitale...et suivi de les cris de Paris; grande symphonie humoristique vocale et instrumentale [paroles d'Edouard Thierry, musique de G. Kastner. Grande partition]. *Paris*, 1857. 2 v. in 1. 4°.

Lang (Andrew). Ballads and lyrics of old France; with other poems. *London*, 1872. 12°.

Leber (J. M. C.) Sur l'origine de la chanson [extrait des Dissertations et remarques de Lévesque de la Ravalière, de le Grand Aussi, de M. de Roquefort, et autres écrivains]. (In his: Coll. d. diss. v. 14. 1838.)

Lenormand (G.) Recueil de chants d'alégress, hymnes et couplets patriotiques, destinés pour célébrer les décades, les cérémonies publiques & le triomphe des Français: imprimé par ordre du Conseil Général de la Commune de Rouen. 2 p.l., 80 pp., 2 l. *Rouen: P. Seyer & Behourt* [1794]. 8°.

Liéby (A.) L'origine du "chant du départ" et la date de sa composition. (Révolution française. v. 47, pp. 385–408. *Paris*, 1904.)

Marchant ([F.]) La Constitution en Vaudevilles, suivie des droits de l'homme, de la femme & de plusieurs autres vaudevilles constitutionnels. *Paris: Libr. Royalistes*, 1792. 16 l., 33–166 p., 1 pl. 48°.

—— Folies nationales, pour servir de suite à la Constitution en vaudevilles. *Paris: Libr. Royalistes*, 1792. 192 p., 1 pl. 48°.

Mauclair (Camille). Le lied en France. Son domaine et son avenir. (Rev. d. rev. sér. 3, v. 34, pp. 271–283. *Paris*, 1900.)

French, cont'd.

Morf (H.) Das französische Volkslied. (Archiv f. d. Studium d. neueren Sprachen u. Lit. v. iii (n. s. v. ii.), pp. 122–157. *Braunschweig*, 1903.)

Mounier (J. B.) Poésies patriotiques... *Constantinople: Cayol*, 1870. 24 p. 12°.

Neukomm (Edmond). Les chants populaires du Vivarais. I. Le Tour de France en Musique: La Vivarais et le Velay. (Le Ménestrel. 67. année, no. 51, pp. 403–4. *Paris*, 1901.)

Series continued, irregularly, in later issues.

Nouveau Recueil de chansons choisies avec les airs notés. *Genève*, 1785. 4 v. 18°.

Nouvellet (Claude Étienne). Le chant funèbre de Nouvellet sur la mort de Jean de Voyer [avec notice de Jules Manecy]. (Soc. Savoisienne d'hist. et d'archéol. Mém. et doc. v. 40 (ser. 2, v. 15), pp. 223–236. *Chambéry*, 1901.)

Orain (Adolphe). Glossaire patois du departement d'Illet-Vilanie, suivi de chansons populaires avec musique. *Paris: Maisonneuve Frères & C. Leclerc*, 1886. xviii, 227 p. 8°.

—— Chansons populaires, recueillies dans l'Ille-et-Vilaine. (Annales de Bretagne. v. 16, pp. 1–16. *Rennes*, 1900.)

Picot (Émile). Chants historiques français du XVIe siècle. (Rev. d'hist. litt. de la France. v. 1, pp. 143–158; 290–307; v. 2, pp. 36–58; 550–576; v. 3, pp. 376–408; v. 6, pp. 225–252; v. 7, pp. 409–429. *Paris*, 1894–1900.)

Pierre (Constant). Les hymnes et chansons de la Révolution. Aperçu général et catalogue avec notices historiques, analytiques et bibliographiques. *Paris: Imp. Nat.*, 1904. 1040 p. f°. (Publications relatives à la Révolution française.)

Poésies populaires de la Lorraine. (Société d'Archéologie lorraine. Mémoires. [t. 15.] p. 43–87, 2 l. of music. *Nancy*, 1865. 8°.)

Puymaigre (Théodore Joseph Boudet), *comte de*. Chants populaires recueillis dans le pays messin. *Metz* and *Paris*, 1865. 12°.

Rey (Paul). Poèmes d'Occitanie avec deux mélodies populaires bressane et catalane et quatorze mélodies de l'auteur... *Paris: Société Française d'Impr. & de Libraire*, 1906. 287 p. 12°.

Roch (H.) Cansou, cantada à la Souciétat Populaira, per lou Sans-culotta H. Roch, Commissari dé Guerra. Sus l'Air dé la Carotta. *n. t.-p.* [*Mounpeyé*, 1794.] 3 pp. 12°.

Sadoul (Charles.) Chansons populaires de la Lorraine. (Rev. d. traditions pop. v. 19, pp. 203–209. *Paris*, 1904.)

Salpêtre républicain (Le). [Couplets sur le même air.] *n. t.-p.* [*Paris*, 1790?] 4 p. 12°.

Schlaeger (G.) Ueber Musik und Strophenbau der französischen Romanzen. [Mit einem musikalischen Anhang.] (In: Forschungen zur romanischen Philologie. *Halle a. S.*, 1900. 8°. pp. 115–160, i–xxvii.)

Soleville (E.) Chants populaires du Bas-Quercy recueillis et notes. *Paris: H. Champion*, 1889. (6), v, (1) 352, 112 p. 8°.

Songs (The) of France. A collection of 60 celebrated songs and popular romances, with French and English words, the latter by M. X. Hayes. *London* [189–?]. iv, 275 p. 4°. (Royal edition.)

Table des airs (188). *n. t.-p.* Gravé par Sornique vis à vis le College du Plessis. 64 p. 16°.

Thibaut IV., *count of Champagne, king of Navarre*. Chansons. (Collection poètes Champagne. *Reims*, 1851. 8°.)

Tiersot (Julien). Chansons d'amour des paysans des Alpes françaises. (Grande rev. 1902. v. 1 (v. 20), pp. 407–427. *Paris*, 1902.)

—— Mélodies populaires des provinces de France. Recueillies et harmonisées par J. Tiersot... En deux séries. *Paris: H. Heugel* [pref. 1887]. [no.] 1–2. 4°.

—— Les "Vieilles chansons patoises du Périgord." Par L'Abbé Casse et L'Abbé Chaminade (Périgueux 1903). (La Revue musicale. v. 3, no. 17, pp. 658–663. *Paris*, 1903.)

Ulrich (Dr. J.) Französische Volkslieder ausgewählt und erklärt. *Leipzig: Rengersche Buchhandlung*, 1899. xxxii, 176 p. 12°.

Vaschalde (Henry). Chansons populaires du Vivarais. *Paris: Lib. Hist. des provinces*, 1897. 2 p.l., 62 p. 8°.

Vieil (Un) électeur aux ministres de sa Majesté; et chanson des jouissances électorales, avec un air composé exprès et gravé pour le piano. *Paris: L'Huillier*, 1824. 1 p.l., 3–15, 3 p. 8°.

The additional air annexed, with music, "Les Plaisirs du College."

Vieilles chansons patoises du Perigord (avec traduction adapté au rhythme musical). Recueillies et traduites par Emm. Casse et Eug. Chaminade. (Rev. de philol. française et de litt. v. 17, pp. 114–121; 186–204; 248–263; v. 18, pp. 89–102; 195–211. *Paris*, 1903–04.)

Vieilles chansons du pays nantais. Recueillies et transcrites avec accompagnement de piano par A. Soreau. Illustrations de J. Pohier. *Nantes: Imprimerie-Libraire des Écoles*, 1901–1904. 4 fasc. f°.

Vieilles (Les) chansons patoises du Périgord. *Perigueux: Cassard, jeune*, 1903. 2 p.l., xxxii, 119 p. music. 2. ed. 4°.

Weckerlin (Jean Baptiste Theodore). Bergerettes, romances et chansons du xviiie siècle. Colligées et transcrites avec accompagnement de piano par J. B. Weckerlin. *Paris: Heugel & Cie.* [cop. 1898] 1 p.l., 51 p., 1 l. 4°.

—— Chansons populaires du pays de France, avec notices et accompagnements de piano par J. B. Weckerlin. *Paris: Heugel & Cie.*, 1903. 2 v. 4°.

—— Chansons populaires des provinces de France. Notices par Champfleury [pseudonym of Fleury-Husson]. Accompagnement de piano par J. B. W. Illustrations par MM. Bida, Bracquemond [and others]. *Paris: Bourdilliat & Cie.*, 1860. 2 p.l., xxvii, 224 p., 1 pl. 4°.

—— Pastourelles, romances and chansons du xviiie siècle. Colligées et transcrites avec accompagnement de piano par J. B. W. *Paris: Heugel & Cie.*, cop. 1898. 1 p.l., 55 p. 4°.

—— Twelve old French songs, together with pianoforte accompaniment by Weckerlin. Selected and translated by G. L. Osgood. *Boston: G. Schirmer, jr.*, 1903. 41 p. 4°.

French, cont'd.

Widor (Charles Marie). Vieilles chansons pour les petits enfants, avec accompagnements de C. M. Widor. Illustrations par B. de Monvel. *Paris: Plon-Nourrit et Cie.* [189–?] 48 p. ob. 8°.

Gaelic.

See also Irish, Scotch.

Campbell (J. F.) Leabhar na Feinne. Gaelic texts. Heroic Gaelic ballads collected in Scotland chiefly from 1512 to 1871... Arranged by J. F. Campbell. v. 1. *London: Spottiswoode & Co.*, 1872. xxxvi, 224 p. f°.

Carmichael (A.) Carmina Gadelica. Hymns and incantations with illustrative notes on words, rites, and customs...orally collected in the Highlands and islands of Scotland and translated into English by A. Carmichael. *Edinburgh: The author*, 1900. 2 v. sq. 4°.

Gaelic and English text.

Fraser (Alexander). The Gaelic folk-songs of Canada. (Roy. soc. of Canada. Proc. and trans. ser. 2, v. 9, Trans. ser. 2, pp. 49–60. *Ottawa*, 1903.

Murray (Amy). Child-songs in the Island of Youth. (Celtic Rev. v. 2, pp. 314–327. *Edinburgh*, 1906.)

Georgian.

Aubry (Pierre). Le chant populaire géorgien. (Revue Musicale. v. 3, pt. 5., pp. 157–161. *Paris*, 1905.)

German.

See also Alsatian, Austrian, Swiss.

Abele (H.) *See* **Hartmann** (August).

Abt (Franz). When the swallows homeward fly. Arranged as duet by Chas. Jarvis. Composed by F. Abt. *Philadelphia: Lee & Walker* [18—]. 5 p. f°.

"**Ach** wie ist's möglich dann." Volkslied. [Piano.] (In: Transcriptionen von Victor Felix. [Piano solo.] *Leipzig* [18—]. f°. v. 2.)

Aennchen von Tharau. [Folksong.] 6 p. (In: Transcriptionen von Victor Felix. [Piano solo.] *Leipzig* [18—]. f°. v. 2.)

Allen (Philip Schuyler). Studies in popular poetry. Nature introductions and vivification in the older German "Volkslied" [etc.] 23 p. (In: University of Chicago. The decennial publications. *Chicago*, 1903. 4°. Ser. 1, v. 7, pp. 133–155.)

—— Wilhelm Müller and the German Volkslied. (Jour. of Germanic Philology. v. 2, pp. 283–322; v. 3, pp. 35–91; 431–491. *Bloomington, Ind.*, 1899–1901.)

—— —— Same, separate.

Ambraser Liederbuch von Jahre 1582. Hrsg. von Joseph Bergmann. *Stuttgart*, 1845. 8°. (Stuttgart Litter. Verein. Bibliothek, v. 12.)

Arnim (L. A. von). Von Volksliedern. (In: Deutsche National-Litteratur. *Berlin* [188–?]. 8°. Bd. 146, Teil 1, pp. 47–86.)

Arnim (Ludwig Achim von), *and* C. Brentano. Des Knaben Wunderhorn. Alte deutsche Lieder [gesammelt von Arnim und Brentano]. *Heidelberg: Mohr & Zimmer* [& *Winter*], 1808–19. 3 v. 8°.

Bd. 1 is of the 2. ed.

—— —— *Berlin*, 1846. 3 v. 8°.

Auswahl deutscher Lieder. *Leipzig*, 1830. 12°.

Auswahl (Eine) deutscher Volkslieder und Gesänge. *Wolfenbüttel: L. Holle* [18—?]. 64 p. 8°.

Bamberger (E.), *and* J. Drescher. *See* **Lieder-Texte.**

Batka (Richard). Ein altes Neiderdeutsches Volkslied, mitgetheilt von Dr. Richard Batka, Prag. (Die Musik. v. 4, Heft 21, pp. 196–7. *Berlin*, 1904/1905.)

Becker (Karl Ferdinand). Die Hausmusik in Deutschland in dem 16., 17. und 18. Jahrhunderte. Materialien zu einer Geschichte derselben nebst einer Reihe Vocal- und Instrumental-Compositionen. *Leipzig: Fest*, 1840. 2 p.l., 123 p. 4°.

Beyer (Valentin). Die Begründung der ernsten Ballade durch G. A. Bürger. *Strassburg: K. J. Trübner*, 1905. 4 p.l., 113 p. 8°. (Quellen u. Forschungen zur Sprach-u. Culturgeschichte der germanischen Völker. v. 97.)

Blocher (Eduard). Das Deutsche Lied in welschem Gewand. (Preuss. Jahrb. v. 119, pp. 17-39. *Berlin*, 1905.)

Blümml (E. K.) Volkslied-Miszellen. (Archiv. f. d. Studium d. neueren Sprachen u. Lit. v. 113 (n. s. v. 13), pp. 270–296. *Braunschweig*, 1904.)

—— Germanische Totenlieder, mit besonderer Berüchsichtigung Tirols. *Music.* (Archiv. f. Anthrop. v. 33, pp. 149–181. *Braunschweig*, 1906.)

Boehm (O.) Die Volkshymnen aller Staaten des deutschen Reiches. *Wismar: Hinstorff*, 1901. 1 p.l., 82 p. 8°.

Boehme (Franz Magnus). Altdeutsches Liederbuch. Volkslieder der Deutschen nach Wort und Weise aus dem 12. bis zum 17. Jahrhundert. Gesammelt und erläutert von F. M. Böhme. *Leipzig: Breitkopf & Härtel*, 1877. xxii, 832 p. 4°.

——Deutsches Kinderlied und Kinderspiel. Volksüberlieferungen aus allen Landen deutscher Zunge, gesammelt, geordnet und mit Angebe der Quellen, erläuternden Anmerkungen und den zugehörigen Melodien. *Leipzig: Breitkopf & Härtel*, 1897. xlvi, 1 l., 756 p. 8°.

—— Volksthümliche Lieder der Deutschen im 18. und 19. Jahrhundert. *Leipzig*, 1895. 4°.

Boettger (A.) Teutsche Kriegslieder. *Leipzig: T. D. Weigel*, 1841. xiii, 1 l., 268 p. 16°.

Bohn (Emil). Zwei Trobadorlieder für eine Singstimme mit Klavierbegleitung gesetzt. (Archiv f. d. Studium d. neueren Sprachen...v. 110 (n. s. v. 10), pp. 110–124. *Braunschweig*, 1903.)

Bolte (Johannes). Der Bauer im deutschen Liede. 32 Lieder des 15.–19. Jahrhunderts nebst einem Anhange, hrsg. von J. Bolte. *Berlin: Mayer & Müller*, 1890. 2 p.l., 177–303 p. 8°. (Acta Germanica [Bd] 1, Th. 3.)

Book (The) of German Songs from the sixteenth to the nineteenth century, translated and edited by H. W. Dulcken. *London*, 1856. 12°.

Bouck (J. L. de). *See* **Uhland** (J. L.) and J. L. de Bouck.

Brooks (Charles T.) German lyric poetry; a collection of songs and ballads, translated from the best German lyric poets, with notes, by Charles T. Brooks. *Philadelphia*, 1863. 16°.

German, cont'd.

Bruinier (J. W.) Das deutsche Volkslied. Über Werden und Wesen des deutschen Volksgesanges, *Leipzig: B. G. Teubner*, 1899. 2 p.l., 156 p. 12°. (Aus Natur und Geisteswelt, Bd. 7.)

Carmina Burana. Lateinische und Deutsche Lieder und Gedichte einer Handschrift des XII. Jahrhunderts. *Stuttgart*, 1847. 8°. (Stuttgart Litter. Verein. Bibliothek. v. 16)

Damm (Gustav). Liederbuch für Schulen. 168 ein-zwei- und mehrstimmige Lieder. *Leipzig: Steingraber Verlag*, 1880. 208 p. 16°.

Deutsche Gesellschaft zu New York. Gesänge 61. 62. Jahresfeier. [*New York: Eichthal & Bernard.*] 1845–46. 8°.

Deutsche Lieder aus Rosch (Bukowina) Mitgeteilt von Raimund Friedrich Kaindl. (Ztsch. d. Vereins f. Volkskunde. Jahrg. 15, pp. 260–274. *Berlin*, 1905.

Deutsche Volkslieder; Sammlung von F. L. Mittler. *Marburg* and *Leipzig*, 1856. 8°.

Ditfurth (Franz Wilhelm von), *Freiherr.* Fränkische Volkslieder, mit ihren zweistimmigen Weisen, wie sie vom Volke gesungen werden. *Leipzig*, 1855. 2 v. in 1. 8°.

—— Die historischen Volkslieder vom Ende des dreissigjährigen Krieges, 1648 bis zum Beginn des siebenjährigen, 1756. Aus fliegenden Blättern, handschriftlichen Quellen und dem Volksmunde gesammelt. *Heilbronn: Gebr. Henninger*, 1877. xiv, 376 p. 8°.

—— Die historischen Volkslieder des siebenjährigen Krieges. *Berlin: F. Lipperheide*, 1872. vii, 146 p. 12°.

—— Zweiundfünfzig ungedruckte Balladen des 16., 17. und 18. Jahrhunderts. Aus fliegenden Blättern, handschriftlichen Quellen und mündlicher Ueberlieferung gesammelt...von F. W. F. von Ditfurth. *Stuttgart: G. I. Goschen*, 1874. xii, 196 p. 12°.

—— Die historischen Volkslieder von der Verbannung Napoleons nach St. Helena 1815, bis zur Gründung des Nordbundes 1866...gesammelt und hrsg. von F. W. von Ditfurth. *Berlin: F. Lipperheide*, 1872. 1 p.l., viii, 224 p. 12°.

—— Historische Volks- und volksthümliche Lieder des Krieges von 1870–1871...gesammelt und hrsg. von F. W. von Ditfurth. *Berlin: F. Lipperheide*, 1871–72. 2 v. in 1. 8°.

Drescher (J.), *and* E. Bamberger. *See* **Lieder-Texte.**

Dreves (G. M.) Ein Wort zur Gesangbuch-Frage. Zugleich Prolegomena zu einem Büchlein geistlicher Volkslieder. *Freiburg im Breisgau: Herder*, 1884. 4 p.l., 131 p. 8°. ("Stimmen aus Maria-Laach." Ergänzungsband vii, Heft 28.)

Druffel (Peter). Deutsche Lieder aus dem 15. und 16. Jahrhundert. Für eine Singstimme eingerichtet und mit Klavierbegleitung versehen von P. Druffel. *Leipzig: Breitkopf & Härtel* [1900?]. 1 p.l., 29 p. 4°. (Volksausgabe Breitkopf & Härtel, No. 1652.)

Dulcken (Henry William). *See* The **Book** of German songs from the sixteenth to the nineteenth century; translated and edited by H. W. D.

Erk (Ludwig). Deutscher Liederhort. Auswahl der vorzüglicheren deutschen Volkslieder aus der Vorzeit und der Gegenwart mit ihren eigenthümlichen Melodien. *Berlin: T. C. F. Enslin*, 1856. xviii, 1 l., 416 p. 4°.

—— Deutcher Liederhort. Auswahl der vorzüglicheren deutschen Volkslieder, nach Wort und Weise aus der Vorzeit und Gegenwart gesammelt und erläutert neu bearbeitet und fortgesetzt von F. M. Böhme. *Leipzig: Breitkopf & Härtel*, 1893–94. Bd. 1–3. 4°.

—— Erk's Deutscher Liederschatz. Eine Auswahl der beliebtesten Volks-Vaterlands...Studenten- und Weihnachtslieder, Für eine Singstimme mit Pianoforte-Begleitung. Die Texte und Melodien revidirt...von L. Erk. Band I neu durchgesehen ...von M. Friedländer. *Leipzig: C. F. Peters* [189–?]. 3 v. 4°. (Edition Peters.)

—— Volkslieder, alte und neue. Männerstimmen gesetzt und herausgegeben von L. Erk. Pt. 1. *Essen: G. D. Bädeker*, 1845. obl. 16°.

Erlach (F. K. von). Die Volkslieder der Deutschen, eine vollständige Sammlung der vorzüglichen Deutschen Volkslieder von der Mitte des fünfzehnten bis in die erste Hälfte des neunzehnten Jahrhunderts. *Mannheim*, 1834–36. 5 v. 8°.

Fairy ballads. From the German. Rendered into English verse by Roc. *London: Bell & Daldy*, 1856. viii, 2 l., 115 p. 24°.

Fink (Gottfried Wilhelm). Musikalischer Hausschatz der Deutschen. 3. Ausgabe. *Leipzig*, 1849. 4°.

Firmenich [Richartz] (J. M.) Germanien-Völkerstimmen, Sammlung der deutschen Mundarten in Dichtungen, Sagen, Mährchen, Volksliedern u. s. w. Bd. [1]–3 & Anhang. *Berlin: Schlesinger* [1843–66]. 4 v. in 2. 4°.

Bd. 2. pub. by Friedberg & Mode.

Flory (John S.) The German folksong. (Sewanee Rev. v. 14, pp. 38–50. *New York*, 1906.)

Fränkische Volkslieder, mit ihren zweistimmigen Weisen, wie sie vom Volke gesungen werden. Hrsg. v. Franz Wilhelm von D. Hurth. *Leipzig*, 1855. 2 v. in 1. 8°.

Geissler (Karl). 100 Jugend- und Volkslieder für Schule und Haus. *Leipzig: W. Bock* [18—]. viii, 104 p. 3. ed. 8°.

Gerhard. Liederbuch. Ein Sammlung Volkslieder, hrsg. v. Gerhard. *Paris*, 1835. 174 p. 24°.

Geschichte von den sieben Schwaben. Nebst einigen schwäbischen Volksliedern. *Leipzig: O. Wigand*, 1838. 59 p. 12°. (Volksbücher, 7. Hrsg. v. G. O. Marbach.)

Gesellig Wissenschaftlicher Verein von New York. Liederbuch. [*New York: Mercantile Printing Co.*, 1898.] 55 p. 16°.

Getze (J. A.) Heavily wears the day (Den lieben langen Tag). German melody, words translated from the German; Symphonies and accompaniments for the piano by J. A. Getze. *Philadelphia: Lee & Walker*, cop. 1853. 5 p. f°.

English and German text.

Geuther (K.) Studien zum Liederbuch der Klara Hätzlerin. *Halle a S.: M. Niemeyer*, 1899. 4 p.l., 166 p. 8°.

German, cont'd.

Goerres (J. J. v.) Altteutsche Volks-und Meisterlieder aus den Handschriften der Heidelberger Bibliothek. Hrsg. von J. Görres. *Frankfurt a. M.: Gebr. Wilmans*, 1817. 2 p.l., lxvi, 1 l., 336 p., 1 pl. 8°.

Grimmer (Friedrich). 20 Balladen und Romanzen im Volkston für eine Singstimme mit Begleitung des Pianoforte in Musik gesetzt von F. Grimmer. *Leipzig: Breitkopf & Härtel* [pref. 1877]. 2 p.l., 37 p. sq. 4°.

Hartmann (August). Volkslieder. In Bayern, Tirol und Land Salzburg gesammelt von A. Hartmann. Mit vielen Melodien nach dem Volksmund aufgezeichnet von H. Abele. Bd. 1. *Leipzig: Breitkopf & Härtel*, 1884. 4°.

Bd. 1. Volksthümliche Weihnachtslieder. 1884.

—— Volkslieder. In Bayern, Tyrol and Land Salzburg gesammelt von A. Hartmann. Mit vielen Melodien nach dem Volksmund aufgezeichnet von H. Abele. Bd. 1. *Leipzig: Breitkopf & Härtel*, 1884. 4°.

Hassebrauk (G.) Die geschichtliche Volksdichtung Braunschweigs. (Ztschr. d. Harz-Vereins f. Geschichte u. Altertumskunde. Jahrg. 34, pp. 1–105; Jahrg. 35, pp. 1–182. *Wernigerode*, 1901.)

Heim (Ignaz). Neue Volksgesänge für den Männerchor. Herausgegeben unter Mitwirkung deutscher und schweizerischer Tonsetzer von I. Heim. Bd. 1. *Zürich: Der Herausgeber*, 1866. 2. ed. 16°.

Henneke, Knecht. Ein altes niederdeutsches Volkslied. Hrsg. mit der alten lateinischen Uebersetzung und Anmerkungen von Hoffmann von Fallersleben. *Berlin: F. Lipperheide*, 1872. 24 p. f°.

Hiller (Ferdinand). Were I a bird of air. ('Wenn ich ein Vöglein wär'). German Volkslied for soprano [with piano acc.] by Ferd. Hiller. Op. III. *Boston: Ditson & Co.*, cop. 1885. 36–37 p. f°. (Song classics.)

Hoffmann von Fallersleben (August Heinrich). Deutsches Volksgesangbuch. Mit 175 eingedruckten Singweisen und Nachrichten ueber die Dichter und Tonsetzer. *Leipzig: W. Engelmann*, 1848. 1 p.l., 188 p. 24°.

—— Die deutschen Gesellschaftslieder des 16. Hurt (Frau u. 17. Jahrhunderts; aus gleichzeitigen Quellen gesammelt. 2. Aufl. *Leipzig*, 1860. 2 v. 12°.

—— Henneke, Knecht... Hrsg... von Hoffman von Fallersleben. *Berlin: F. Lipperheide*, 1872. 24 p. f°.

—— Unsere volkstümlichen Lieder. Hrsg... von K. H. Prahl. *Leipzig: W. Engelmann*, 1900. viii, 348 pp., 1 l. 4. ed. 8°.

Alphabetical list of titles, with notes.

—— *and* Ernst Richter. Schlesische Volkslieder mit Melodien, aus dem Munde des Volkes gesammelt. *Leipzig*, 1842. 8°.

Jeitteles (Adalbert). Beiträge zur Charakteristik des deutschen Volksliedes. (Ztschr. f. österr. Volkskunde. Jahrg. 3, pp. 257–269. *Wien*, 1897.)

Jungbrunnen. No. 16. (Kinderlieder. Illust. v. E. Kuithan) *Berlin: Fischer u. Franke* [1900]. 12°.

Kaindl (Raimund Friedrich). *See* **Deutsche** Lieder aus Rosch.

Kaufmännischer Verein "Union." Vaterland und Lied, Gott uns stets behuet. [*Bremen*, 188–?] 64 p. 32°.

Kopp (Arthur). Aeltere Liedersammlungen. 1. Sächsisches Bergliederbüchlein.—2. Der Frau von Holleben (geb. v. Normann) Liederhandschrift. *Leipzig: G. Schönfeld*, 1906. vi, 1 l., 213 p. 8°. (Verein für sächsische Volkskunde. Beiträge zur Volkskunde. Heft 4.)

—— Deutsches Volks- und Studenten-Lied in vorklassischer Zeit. Im Anschluss an die bisher ungedruckte von-Crailsheimsche Liederhandschrift der Königlichen Bibliothek zu Berlin. *Berlin: W. Hertz*, 1899. 2 p.l., 286 p. 8°.

—— Niederdeutsche Liederdrucke aus dem 16. Jahrhundert. (Centralb. f. Bibliothekswesen. Jahrg. 19, pp. 509–529. *Leipzig*, 1902.)

—— Die niederrheinische Liederhandschrift (1574). (Euphorion. v. 8, pp. 499–528; v. 9, pp. 21–42; 280–310; 621–637. *Leipzig*, 1901–02.)

—— Volks- und Gesellschaftslieder des XV. und XVI. Jahrhunderts. [Pt.] 1. *Berlin: Weidmann*, 1905. 4°. (Königl. Akad. d. Wissenschaften zu Berlin. Deutsche Texte d. Mittelalters. Bd. 5.)

[Pt.] 1. Die Lieder der Heidelberger Handschrift Pal. 343. xviii, 1 l., 254 p., 1 fac-sim. 1905.

Kuecken (Friedrich Wilhelm). "O wert thou but mine own, love!" (Ach wenn du wärst mein eigen! [Song] composed by F. Kuecken. *New York: Wm. Hall & Son* [18—]. 5 p. f°. (Gems of German song with English words. 3. series. No. 7.)

Ladendorf (Otto). Deutsche Handwerkspoesie. (Neue Jahrb. f. d. klassische Altertum, Geschichte u. deutsche Litteratur u. f. Pädagogik. Jahrg. 5, v. 9, pp. 484–506. *Leipzig*, 1902.)

Lange (O. H.) Altdeutsche Lieder für eine Singstimme mit Pianoforte-Begleitung eingerichtet von O. H. Lange. *Braunschweig: H. Litolff* [189–]. 39 p. 4°. (Collection Litolff, No. 897.)

Liederbuch. Eine Sammlung Volkslieder, herausgegeben von Gerhard. *Paris*, 1835. 174 p. 24°.

Lieder-Texte für die Deutschen Sänger Amerika's. Zusammengestellt von E. Bamberger und J. Drescher. 100 p., 6 l. *New York: J. Drescher*, cop. 1896. 16°.

Liliencron (Rochus von), *freiherr*. Deutsches Leben im Volkslied um 1530. *Berlin: W. Spemann* [1884]. 2 p.l., lxx, 1 l., 436 p., 1 l. 8°. (Deutsche National-Litteratur. Bd. 13.)

—— Die historischen Volkslieder der Deutschen, vom 13. bis 16. Jahrhundert. Hrsg. durch die Historische Commission bei der Königl. Akademie der Wissenschaften. Bd. 1–4 [and Nachtrag]. *Leipzig: F. C. W. Vogel*, 1865–69. 5 v. 8°.

Lyra (Justus W.) Deutsche Weisen... Bearb. von C. Weigel. In 5 Heften... Heft 1–4. *Leipzig: Breitkopf & Härtel*, cop. 1896. 4°.

Marriage (M. E.) Marlbruck. (Modern Language Quar. v. 3, pp. 128–131. *London*, 1900.)

Meier (John). Kunstlieder im Volksmunde. Materialien und Untersuchungen. *Halle a. S.: M. Niemeyer*, 1906. 9 p., 2 l., cxliv, 1 l., 92 p. 12°.

German, cont'd.

Meier (Ernst). Schwaebische Volkslieder mit ausgewählten Melodien. Aus mündlicher Ueberlieferung gesammelt von E. Meier. *Berlin: G. Reimer*, 1855. xvi, 432 p. 12°.

Messer (Franz). Sechs Lieder für eine Singstimme mit Begleitung des Pianoforte componirt von...Messer. 2. Werk. *Offenbach a. M.: J. André* [18—?]. 15 p. f°.

Meyer (Wilhelm). Fragmenta Burana. Herausgegeben von Wilhelm Meyer...*Berlin: Weidemann*, 1901. 190 p., 15 pl. 4°.

Mittler (F. L.) Deutsche Volkslieder. *Marburg* and *Leipzig*, 1856. 8°.

Muelich, *von Prag.* Die Lieder Mülichs von Prag (um 1300)...herausgegeben von Dr. Richard Batka. *Prag: Verlag des Dürerbundes in Österreich*, 1905. 48 p. 8°. (Denkmäler deutscher Musik aus Böhmen [No.] 1.)

[**My** heart is sad. Den lieben langen Tag. German Folksong, arranged for voice and piano.] *Boston: O. Ditson Co.*, cop. 1859. 5 p. f°. (Germania, New vocal gems from the German. Eminent composers.)

German and English words.

Petak (Arthur). Zum Volkslied von den drei Winterrosen. (In: Forschungen zur neueren Litteraturgeschichte... *Weimar*, 1898. 8°. pp. 91–100.)

Regnart (J.) Jacob Regnart's deutsche dreistimmige Lieder nach Art der Neapolitanen nebst Leonhard Lechner's fuenfstimmiger Bearbeitung; herausgegeben von Robert Eitner. *Leipzig: Breitkopf & Haertel*, 1895. 116 p. f°. (Publikation aelterer prakt. u. theoret. Musikwerke. Bd. 19.)

Reifferscheid (Alexander). Westfälische Volkslieder in Wort und Weise mit Klavierbegleitung und liedervergleichenden Anmerkungen herausgegeben von Dr. A. Reifferscheid. *Heilbronn: Gebr. Henninger*, 1879. xvi, 192 p. 4°.

Reissmann (August). Geschichte des deutschen Liedes; mit Musikbeilagen und vielen in den Text gedruckten Beispielen. *Berlin*, 1874. 8°.

Retzsch (M.) Outlines to Buerger's ballads; with Buerger's text, explanations, and biographical notices. *Boston*, 1873. Obl. 8°.

Robinson (*Mrs.* T. A. L. von J.) Versuch einer geschichtlichen Characteristik der Volkslieder germanischer Nationen, mit einer Uebersicht der Lieder ausser europäischen Völkerschaften. *Leipzig: F. A. Brockhaus*, 1840. xvi, 614 p., 1 l. 8°.

Rosenberg (Felix). *Ueber eine Sammlung deutscher Volks- und Gesellschaftslieder in hebräischen Lettern...Berlin. *Braunschweig: E. Appelhans* [1888]. 82 p., 3 l. 8°.

Reprint: Geiger's Zeitschrift für die Geschichte der Juden in Deutschland.

Sammlung deutscher Volkslieder, welche noch gegenwärtig im Munde des Volkes leben und in keiner Sammlung zu finden sind, herausgeg. v. W. Walter. *Leipzig*, 1841. 12°.

Sammlung (Eine) deutscher Volksweisen, etc. *Dessau: Gebrüder Katz* [18—?]. 48 p. 8°.

Saran (August). 30 Altdeutsche Volksmelodien, aus F. M. Böhme's Altdeutschem Liederbuch; mit grösstentheils neuen Texten von W. Osterwald; für eine Singstimme mit Clavierbegleitung. *Leipzig* [18—]. 4°.

Scherer (F. J.) Deutschland im Liede... nebst einem Abriss der Geschichte des Vaterlandsgesanges. *Paderborn*, 1876. 8°.

Scherer (Georg). 88 zwei-und dreistimmige Volkslieder für den Elementar-Gesang-Unterricht systematisch zusammengestellt. *München: E. H. Gummi*, 1863. 1 p.l., 106 (2) p. 8°.

—— 120 ein- und zweistimmige Volkslieder für den Elementar-Gesang-Unterricht systematish zusammengestellt. *München: E. H. Gummi*, 1863. 2 p.l., 122 p. 8°.

Schlesische Volkslieder mit Melodien, aus dem Munde des Volkes gesammelt von Hoffman von Fallersleben und Ernst Richter. *Leipzig*, 1842. 8°.

Schmidt (Adolf). Ein Sammelband deutscher Lieder aus dem Jahre 1529 in der Grossherzoglichen Hofbibliothek zu Darmstadt. (Centralblatt für Bibliothekswesen. 12. Jahrg. pp. 113–130. *Leipzig*, 1895. 8°.)

Schullieder. [Auswahl Volkslieder und Gesänge.] *Leipzig* [18—]. 32 p. 8°.

Shumway (Daniel B.) A low German ballad commemorating the siege of Göttingen in the thirty years' war. (Americana Germanica. v. 3, no. 1, pp. 46–59. *New York*, 1899.)

Schwab (G.) Fünf Bücher Deutscher Lieder und Gedichte von A. von Haller bis auf die neuste Zeit. Eine Mustersammlung. *Leipzig*, 1835. 12°.

Schwäbisches Volkslied. [Piano.] *Philadelphia: Robinson & Son* [18—]. 4 p. f°. (6 Lieder Transcriptionen...Ch. Voss. op. 1 to 2, No. 2.

Sieglerschmidt (Herman). Nordwest (Seemannslied) für mittlere Stimme mit Begleitung des Pianoforte komponiert von Max Battke. (Ueberall. Jahrg. 3, pp. 1362–1363. *Berlin*, 1901.)

Silcher (Friedrich). 100 Volkslieder für eine Singstimme mit Begleitung des Pianoforte von F. Silcher, revidirt von A. Dörffel. *Leipzig: C. F. Peters* [189–?]. 96 p. 4°. (Edition Peters. No. 2535.)

Spicker (Max). Songs of Germany. Eighty-one German Folk- and popular songs. Collected and edited by M. Spicker. The English translations by H. G. Chapman. *New York: G. Schirmer*, cop. 1904. vi, 1 l., 176 p. 4°. (Songs of the people.)

Talvj. *See* **Robinson** (Mrs. T. A. L. von J.)

Thüringerwald-Vereins-Liederbuch. Hrsg. vom Zweigverein Schmalkalden. *Schmalkalden: Selbstverlag des Thüringerwald-Vereins*, 1898. 118 p. 2. ed. 24°.

Uhland (Johann Ludwig). Alte hoch- und niederdeutsche Volkslieder. *Stuttgart*, 1844–45. 2 v. 8°.

—— *and* J. L. de Bouck. Die niederdeutschen Liederbücher. Hrsg. von der germanistischen Section des Vereins für Kunst und Wissenschaft in Hamburg. *Hamburg*, 1883. 2 p.l., 112 p. 8°. (Verein für niederdeutsche Sprachforschung. Niederdeutsche Volkslieder. Heft 1.)

Urban (Michel). Alte deutsche Volkslieder. (Ztsch. f. österr. Volkskunde. Jahrg. 5, pp. 269 276. *Wien*, 1899.)

German, cont'd.

Varenne (Gaston). La poésie militaire allemagne et les chants de guerre pendant la campagne de 1870–1871. (Correspondant. v. 212 (n. s. v. 176), pp. 50–70. *Paris*, 1903.)

Vilmar (August Friedrich Christian). Handbüchlein für Freunde des deutschen Volksliedes. *Marburg*, 1867. 8°.

Volkslieder aus Schwaben. [Hrsg. von. P. Beck.] (Ztschr. d. Vereins f. Volkskunde. Jahrg. 16 (1906). pp. 432–436. *Berlin*, 1906.)

Volkslieder-Album. 60 beliebte Volkslieder Für Pianoforte und Violoncell uebertragen von W. Fitzenhagen. *Braunschweig: H. Litolff* [18—]. 2 pts. F°.

Of separate cello parts only p 3, 4, 13, 14.

Volksliederbuch für Männerchor herausgegeben auf Veranlassung seiner Majestät des deutschen Kaisers Wilhelm II. *Leipzig: C. F. Peters* [1907]. 2 v. 8°.

Wackernell (J. E.) Das Deutsche Volkslied. *Hamburg*, 1890. 8°. (Virchow Samml. wissenschaftl. Vorträge, n. F. 5. Serie, Heft 106.)

Wagner (M.) Soldatenlieder aus dem deutsch-französischen Kriege von 1870/71. *Hamburg: Richter*, 1896. 48 p. 8°. (Sammlung gemeinverständlicher wissenschaftlicher Vorträge. N. F. xi. Ser., Heft 241.)

Wagner (Wilhelm). A book of ballads on German history. Arranged and annotated by Wilhelm Wagner... *Cambridge: University Press*, 1877. vi, 154 p. 16°. (Pitt Press series.)

Waldhoer (Mathias). Neues Volks-Liederbuch zur Weckung und Belebung der Tugend und des Frohsinns, sowohl in den Schulen als auch im oeffentlichen Leben zu gebrauchen... *Kempten: J. Koessel* [18—]. 2 p.l., 99 p. ob. 8°.

Walter (W.) Sammlung deutscher Volkslieder, welche noch gegenwärtig im Munde des Volkes leben und in keiner Sammlung zu finden sind. *Leipzig*, 1841. 12°.

Wenn die Schwalben wieder kommen die werd'n schau'n. Sowie viele andere neue couplets & lieder. *n. t.-p.* [*Wien: R. Bussjäger*, 189–?] 30 p. 8°.

Wolkan (Rudolf). Eine unbekannte Sammlung von Volksliedern des 16. Jahrhunderts. (Euphorion. Zeitschr. f. Litteraturgeschichte. v. 6, pp. 649–662. *Wien*, 1900.)

Zeitteles (Adalbert). Drei volkstümliche historische Lieder. (Euphorion. v. 11, pp. 81–99. *Leipzig*, 1904.)

Zelle (Friedrich). Drei Seltenheiten. Facsimile. (Ztsch. f. Bücherfreunde, v. 5, pp. 437–441. *Bielefeld*, 1902.)

Description of three old song-books.

Gipsy.

Finck (Franz Nikolaus). Zwei Lieder der deutschen Zigeuner. (Kön-preuss. Akad. d. Wissensch. Sitzungsb. 1906, pp. 544–548. *Berlin*, 1906.)

Gilbert (Henry F.) Two South-American Gypsy songs. With violin obligato. La Montonera and La Zambulidora. *Newton Center, Mass.: The Wa-Wan Press*, 1906. 1 p.l., 4, 11 p. F°. (Wa-Wan Series of American Compositions. v. 5. Spring-Quarter pt. 1. No. 35.)

Gipsy songs of mourning. (Gypsy lore society. Journal. v. 1, pp. 289–295. *Edinburgh*, 1889.)

Haideblüten. Volkslieder der transsilvanischen Zigeuner. Inedita, Original texte und Verdeutschungen. Von H. von Wlislockl. *Leipzig, W. Friedrich*, 1880. 47 p. 12°.

40 songs without music.

Lajos (Munczi) and his orchestra. [With an account of the Gypsies & their music.] *New York*, n. d. 24 p. 16°.

Lederer-Prina (F.) Die Musik der Zigeuner. (Die Musikmappe. v. 1, Heft 11, p. 43. *Berlin*, 1905.)

Liszt (Franz). Des Bohémiens et de leur musique en Hongrie. *Paris: A. Bourdilliat & Co.*, 1859. 2 p.l., 348 p., 1 l. 12°.

—— Die Zigeuner und ihre Musik in Ungarn; deutsch bearbeitet von Peter Cornelius. *Pesth*, 1861. 12°.

Smith (Laura Alexandrine). Through Romany songland. *London: D. Stott*, 1889. xix, 226 p. 16°.

Sampson (John). English gypsy songs and rhymes. (Gypsy lore society. Journal. v. 2, pp. 80–93. *Edinburgh*, 1891.)

Transylvanian Gypsy songs. (Gypsy lore society. Journal. v. 1, p. 131. *Edinburgh*, 1889.

Words, and English translation, of the three melodies given on pp. 100–101 of the same volume.

Wlislocki (Heinrich von). Volksdichtungen der siebenbürgischen und südungarischen Zigeuner. Gesammelt und ... übersetzt von Dr. H. von Wlislocki. *Wien: C. Graeser*, 1890. xvi, 431 p. 12°.

—— Volkslieder der transsilvanischen Zigeuner. (Inedita.) (Zeitschrift der Deutsch. morgenl. Gesellschaft. Bd. 41, pp. 347–350. *Leipzig*, 1887.)

Greek.

Abbott (G. F.) Songs of modern Greece with introductions, translations, and notes by G. F. Abbott... *Cambridge: The University Press*, 1900. ix, 1 l., 307 p. sq. 16°.

Bourgault-Ducoudray (Louis Albert). Trente mélodies populaires de Grèce & d'Orient recueillies et harmonisées par L. A. Bourgault-Ducoudray. Traduction italienne en vers adaptée à la musique et traduction française en prose de... A. de Lauzières. *Paris: H. Lemoine*, 1897. 87 p. 3. ed. f°.

Fauriel (Claude Charles). Neugriechische Volkslieder. Gesammelt und hrsg. von C. Fauriel. Übersetzt und mit des französischen Herausgeber ... Erläuterungen versehen von W. Müller. *Leipzig: L. Voss*, 1825. 2 v. in 1. 8°.

Title in Greek and German.

Greek folk-songs from the Ottoman provinces of northern Hellas. Literal... translations by Lucy M. J. Garnett... Edited with essays... by John Stuart Stuart-Glennie. *London: Ward & Downey*, 1888. xxxix, 290 p. 2. ed. 8° (The modern revolution. Inductive generalizations. Researches and essays. v. 2.)

Jeannaraki (Anton). Ἄισματα Κρητικὰ μετὰ διστίχων καὶ παροιμιῶν. Kretas Volkslieder nebst Distichen und Sprichwörtern. In der

Greek, cont'd.

Ursprache mit Glossar hrsg. von A. Jeannaraki. *Leipzig: F. A. Brockhaus*, 1876. vii, 1 l., 386 p., 1 l. 8°.

Kind (Theodor). Anthologie neugriechischer Volkslieder. Im Original mit deutscher Übertragung. Hrsg. von... T. Kind. *Leipzig: Veit & Co.*, 1861. xxxvi, 232 p., 1 l. sq. 24°.

Neugriechische Melodien, Volkslieder. (In: WEITZMANN, C. F., Geschichte der griechischen Musik. *Berlin*, 1855. 8 p. 4°.)

Pachtikos (Georgios D.) 260 δημωδη ἑλληνικα ἀσμαια ἀπὸ τοῦ στόματος του ἑλληνικοῦ λαου . . . Τομος α'. Εν 'Αθήναις: Τύποις Π. Δ. Σακελλαριου, 1905. 8°. (Βιβλιοθηκη Μαρασλη)

Schmidt (Bernhard). Griechische Märchen, Sagen und Volkslieder. Gesammelt, übersetzt, und erläutert. *Leipzig: B. G. Teubner*, 1877. 2 p. l., 283 (1) p., 1 l. 8°.

Weitzmann (Karl Friedrich). Geschichte der griechischen Musik. Mit einer Musikbeilage, enthaltend die sämmtlichen noch vorhandenen Proben altgriechischer Melodien und 40 neugriechischer Volksmelodien. *Berlin: H. Peters*, 1855. 35, 12 p. 4°.

Hawaiian.

Phillips (H. B.) Meles of Hawaii. (Cal. Hist. Geneal. Soc. Pub. No. 3, pp. 28–38. *San Francisco*, 1902.)

Hebrew.

See Jewish, *below.*

Hungarian.

Beliczay (J. von). Acht Variationen über ein ungarisches Volkslied Für das Pianoforte. Op. 23. *Leipzig: Breitkopf & Härtel* [18—]. 9 p. 8°.

Korbay (Francis). Hungarian melodies, text from the originals done into English by J. S. of Dale and F. Korbay. The music transcribed by F. Korbay. *London: Schott & Co.* [189–?] 3 p.l., xiii–xvi, 154 p., 1 pl. f°.

—— Twelve Magyar songs. Words by F. Korbay and P. England. The music arranged from Folk songs by F. Korbay. *London: G. Ricordi & Co.*, cop. 1900. 2 p.l., 63 p. f°.

Krehbiel (Henry Edward). Folkmusic studies. Magyars and Slavs. The songs and dances of Hungary ... Poland, Bohemia, Croatia, etc ... bibliography of the subject. [*New York*, 1899.] 4°.

Clipping from the New York Daily Tribune of Sunday, July 30, and August 6, 1899.

Magyar nóták. [Collection of Hungarian dances, popular songs, etc.] n. p. [18—] F°.

Rubinstein (Anton Gregorievich). Ungarische Fantaisie über ungarische Volksweisen von A. R. Frei bearbeitet für 2 Klaviere von H. Gobbi. *Budapest: Rozsavölgyi & Co.* [18—] 17 p. f°.

Icelandic.

Davidsson (Olafur). Islenzkar pulur og Pjodkvædi. O. Davidsson hefir safnad. Gefid út af hinu Islenzka Bókmentafélagi. *Kaupmannahöfn: S. L. Möllers*, 1898. 403 p. 8°. (Islenzka Bókmentafélag. Islenzkar gátur, skemtanir, vikivakar og pulur. [No.] 4.)

—— Islenzkir vikivakar og vikivakakvædi. O. Davidsson hefir samid og safnad. Gefid út af hinu Islenzka Bókmentafélagi. *Kaupmannahöfn: S. L. Möller*, 1894. 432 p., 1 l. 8°. (Islenzka Bókmentafélag. Islenzkar gátur, skemtanir, vikivakar og pulur. [No.] 3.)

Hallgrímsson (Jónas). Ljódmæli eptir Jónas Hallgrímsson. B. Pjetursson og K. Gislason hafa sjed um prentunina. *Kaupmannahöfn: J. D. Kvist*, 1847. xiv, 323 p. 12°.

Islenzk Ljödabök Ions Thorlákssonar. *Kaupmannahöfn*, 1842. 2 v. 12°.

Norwegische, isländische, färöische Volkslieder der Vorzeit. In den Versmassen der Originale übertragen von R. Warrens. *Hamburg: Hoffmann & Campe*, 1866. xiii, 1 l., 432 p. 16°. (Germanische Volkslieder der Vorzeit... Bd. 4.)

Indian (American).

Baker (Theodore). Über die Musik der nordamerikanischen Wilden. Eine Abhandlung zur Erlangung der Doctorwürde an der Universität Leipzig. *Leipzig: Breitkopf & Hartel*, 1882. iv, 1 l., 82 p., 1 l., 2 pl. 8°.

Burton (F. R.) Hiawatha, the Indian musical play. (Concert-Goer, no. 211, pp. 8–9. *New York*, 1902.)

—— Songs of the Ojibways. Concert-Goer, no. 212, pp. 8–9. *New York*, 1902.)

Commuck (Thomas). Indian melodies. By T. C., a Narraganset Indian. Harmonized by T. Hastings. *New York: G. Lane & C. B. Tippett*, 1845. vi, 7–114 p., 1 l. ob. 12°.

Curtis (Natalie). A bit of American folk music. Two Pueblo Indian grinding songs. (Craftsman. v. 7, pp. 35–41. *Syracuse*, 1904.)

Ende (A. von). Die Musik der nordamerikanischen Indianer. (Die Musik. 2. Jahrg., Heft 10, pp. 271–279. *Berlin*, 1903.)

Farwell (Arthur). American Indian melodies, harmonized by A. Farwell. *Newton Center, Mass.: The Wa-Wan Press* [cop. 1901]. 1 p.l., 29 p. sq. f°.

With description of the songs.

—— The Domain of Hurakan for pianoforte by A. Farwell. *Newton Center, Mass.: Wa-Wan Press*, 1902. 1 p.l., 17 p. f°.

—— From mesa and plain. Indian, cowboy and negro sketches, For pianoforte, by A. F. *Newton Center, Mass.: The Wa-Wan Press*, 1905. 1 p.l., 10 p. f°. (Wa-Wan Series of Amer. composition. v. 4, pt. 2.)

—— The music of the American Indians. (American Art Journal. v. 81, no. 25, p. 386. *New York*, 1903.)

Fillmore (J.C.) Indianergesänge. (In: Beiträge zur Akustik und Musikwissenschaft. *Leipzig*, 1901. 8°. Heft 3, pp. 1–5.)

—— A study of Indian music. (Century Magazine. v. 47, pp. 616–623. *New York*, 1894.)

Fletcher (A. C.) Indian story and song from North America. *Boston: Small, Maynard & Co.*, 1900. xiv, 126 pp. 12°.

Indian (American), cont'd.

Gatschet (A. S.) Specimen of songs of Modoc Indians. *Washington, D. C.: Judd & Detweiler*, 1894. 8°.

Repr.: Amer. Anthropologist, Jan'y, 1894. pp. 26–31.

Grinnell (George Bird). Notes on some Cheyenne songs. (Amer. Anthropologist. n. s., v. 5, pp. 312–322. *New York*, 1903.)

Indian (The) in music. (Music Trade Review. *New York*, 1901. f°. v. 32, no. 22, p. 2.)

Krehbiel (Henry Edward). Folk-music Studies. Songs of the American Indians. I–III. Bibliography...Melodies...Mr. Macdowell's suite.

Clippings from the *New York Tribune* of Sept. 24, Oct. 1, Oct. 8, 1899.

—— Indian melodies. Interesting experiments with their settings—primitive tunes and exotic harmonies—Ojibway songs.

Clipping from the *New York Tribune* of Sunday, Aug. 31, 1902.

Loomis (Harvey Worthington). Intermezzo from the Tragedy of death and Dawn, a development of Indian melodies by A. Farwell. *Newton Center, Mass.: The Wa-Wan Press*, 1902. 1 p.l., 17 p. f°.

—— Lyrics of the red man. *Newton Center, Mass.: Wa-Wan Press*, 1903. 1 p.l., 15 p. f°.

With notes by A. Farwell.

—— Lyrics of the red man. *Newton Center, Mass.: The Wa-Wan Press*, 1904. 1 p.l., 12 p. f°.

Matthews (Washington). Navajo gambling songs. *Washington: Judd & Detweiler*, 1889. 19 p. 8°.

Melodies [of the Navahos] recorded on the phonograph by W. Matthews, and noted from the cylinders by J. C. Fillmore. (In: W. MATTHEWS. Navaho legends...*Boston*, 1897. 8°. pp. 279–290.)

Melodrama of Hiawatha. (Musical leader and Concert-Goer. v. 6, no. 14, pp. 9. *Chicago*, 1903.)

Mortimer (W. Golden). [Indian music of Peru.] (In his: Peru. *New York*, 1901. ch. XV.)

Ojibway music. Beauty discovered in the Indian themes. (Musical Courier. *New York*, 1905. v. 45, no. 7, p. 33.)

Post (Charles Johnson). Indian music of South America. (Harper's Magazine, v. 112, pp. 255–257. *New York*, 1906.)

Spix (Johann Baptist von), *and* CARL FRIEDRICH PHILIPP VON MARTIUS. Brasilianische Volkslieder und indianische Melodien. Musikbeilage zu: Spix and Martius... Reise in Brasilien. [*München*, 1831?] 15 p. 4°.

Three pianoforte compositions. 1, Ulalume, by A. R. Little; 2, Negro episode, by H. F. Gilbert; 3, Ichibuzzhi, by A. Farwell. *Newton Center, Mass.: Wa-Wan Press*, 1902. 1 p.l., 16 p. f°.

Troyer (Carlos). Traditional songs of the Zuñis. With English and Indian text. Transcribed and harmonized by C. Troyer. *Newton Center, Mass.: Wa-Wan Press*, 1904. 1 p.l., 4, 19 p. f°.

With introductory note, containing a descriptive picture of the ghost dance by A. Farwell.

—— Traditional songs of the Zuñis, with English text. Second series. Transcribed and harmonized by C. Troyer. *Newton Center, Mass.: The Wa-Wan Press*, 1904. 1 p.l., 16 p. f°.

Two pianoforte compositions: Toward the dream, by A. Farwell, and Ghost dance of the Zuñis, by C. Troyer. *Newton Center, Mass.: Wa-Wan Press*, 1904. 1 p.l., 14 p. f°. (Wa-Wan Series of American compositions. v. 3, pt. 2.)

Indian (East).

Abraham (O.), *and* E. M. HORNBOSTEL. Phonographirte indische Melodien. (Quarterly magazine of the International Musical Society, v. 5, part 3, pp. 348–401. *Leipzig*, 1903.)

Fawcett (F.) Songs sung by the Lambadis. (Indian Antiquary. v. 30, pp. 547–549. *Bombay*, 1901.)

—— War songs of the Mâppilas of Malabar. (Indian Antiquary. v. 30, pp. 499–508; 528–537. *Bombay*, 1901.)

Friend-Pereira (J. E.) Some Khond songs. (Jour. Asiatic Soc. of Bengal. v. 68, pt. 3, pp. 1–13. *Calcutta*, 1899.)

Gover (Charles E.) The folk-songs of Southern India. *London: Trübner & Co.*, 1872. xxviii, 299 p. 8°.

Grierson (G. A.) Some Bhoj'pūri Folk-songs. Edited and translated by G. A. G. (Royal Asiatic Soc. Jour. n. s., v. 18, pp. 207–267. *London*, 1886.)

—— Some Bihari Folk-songs. (Royal Asiatic Soc. Jour. n. s., v. 16, pp. 196–246. *London*, 1884.

Lafrenais (R. M.) Some songs of the Portuguese Indians. (Indian Antiquary. v. 30, pp. 400–405. *Bombay*, 1901.)

Leitner (*Dr.* G. W.) Legends, songs and customs of Dardistan. (Asiatic Quarterly Review. n. s., v. 3, pp. 294–310; v. 4, pp. 141–148; pp. 442–450; v. 5, pp. 143–173. *Woking*, 1892–93.)

Macauliffe (M.) The Asa di War, a mourning prayer of the Sikhs. (Indian Antiquary. v. 30, pp. 537–547; 557–564. *Bombay*, 1901.)

Macmillan (M.) Matheran folk songs. (Jour. Bombay Branch Roy. Asiatic Soc. v. 21, pp. 517–524. *Bombay*, 1904.)

Moegling (H. F.) Lieder Kanaresischer Sänger. (Deutsche morgenländ. Gesellsch. Ztsch. v. 14, pp. 502–516; v. 18, pp. 241–261. *Leipzig*, 1860–64.)

Pope (G. U.) Notes on the Tamil anthology of ancient songs entitled Purra-Nannurra. (Indian Antiquary. v. 28, pp. 29–33. *Bombay*, 1899.)

Ramkinoo Dutt. Songs with native tunes of different sorts, and dances. *Chittagong: G. C. K. Chowdhury C. S. Press*, 1886. 3 ll., 35, (1) 2, (2) 8 pp. 16°.

Saurin dramohána Thákura. Hindu music from various authors. Compiled by Sourindro Mohun Tagore. Pt. 1. *Calcutta: Baby Punchanun Mukerjea*, 1875. pl. music. 8°.

Stevenson (J. A.) All that's bright must fade. Indian air from Moore's "National melodies," arr. by Sir John Stevenson. [Voice with piano acc.] *Philadelphia: G. Willig* [18—]. 2 inside p. f°.

Venkataswami (M. N.) Some Telugu folk-songs. (Indian Antiquary. v. 34, pp. 186–188. *Bombay*, 1905.)

Indian (East), cont'd.

Walckiers (L.) A selection of twenty-four Hindostanee and other airs. Arranged for the pianoforte...by L. W. *London: Clementi & Co.* [18—] 17 p. f°.

Irish.

See also Gaelic.

Bunting (Edward). A general collection of the ancient Irish music, containing a variety of admired airs never before published, and also the compositions of Conolan and Carolan; collected from the harpers...of Ireland, and adapted for the pianoforte...by Bunting. v. 1. *Dublin: Hime* [1796?]. 1 p.l., iv, 26 p. f°.

—— —— *London: Preston* [1796?]. 1 p.l., vi., 36 p., 1 port. f°.

—— —— *London: Clementi & Co.* [1809] v. 1. f°.

[**Collection** of Irish ballads, street songs, etc. Printed mainly at Dublin, 1800–1870. About 300 pieces.]

Croker (Thomas Crofton). The historical songs of Ireland, illustrative of the revolutionary struggle between James II and William III. Edited, with introductions and notes, by T. C. Croker. *London: Percy Society*, 1841. viii, 139 p. 12°.

—— Popular songs illustrative of the French invasions of Ireland. Edited, with introduction and notes, by T. C. Croker. *London: T. Richards*, 1845–47. 4 pts. in 1 v. 12°. (The Percy Society.)

—— The popular songs of Ireland. Collected and edited, with introductions and notes. *London: H. Colburn*, 1839. xx, 340 p. 8°.

Duffy (Charles Gavan). The ballad poetry of Ireland. *Dublin: J. Duffy*, 1845. xlviii, 49–252 p. 4. ed. 16°.

Erin Machree [and other ballads]. *Waterford: W. Kelly* [18—]. v. p. 16°.

33 pieces, each of 8 pages, with individual title-pages. Published in Waterford, Dublin and Belfast.

Fitzgerald (John). An account of the old street ballads of Cork. (Jour. Cork Hist. and Archæol. Soc. v. 1, pp. 63–71. *Cork*, 1892.)

Graves (A. P.) *See* **Stanford** (C. V.); **Wood** (C.)

Greaven (Alfred L.) A cycle of Irish songs including Erin's National Anthem (Gaelic and English), Dark Rosaleen, March of the Gael, Con to Eileen (Light of My Soul), My Own Land, Songs of Our Land. Poetry from various authors, music composed by the Rev. Alfred L. Greaven. *Dublin: James Duffy & Co.* [1907] cover, 22 p., 1 l. 4°.

Hardiman (J.) Irish minstrelsy; or, Bardic remains of Ireland, with English poetical translations....*London*, 1831. 2 v. port. 8°.

Hayes (Edward). The ballads of Ireland; collected and edited. *London: A. Fullarton & Co.*, 1855. 2 v. 12°.

—— —— *Boston*, 1859. 2 v. in 1. 12°.

Irish Folk Song Society, London. Journal. v. 1–2. (1904–1905) *Dublin*, 1904–1905. 8°.

Irish Song Book (The), with original Irish airs. Edited...by A. P. Graves. *London: T. F. Unwin*, 1895. xxv, 188 p., 2. ed. 16°. (The new Irish Library.)

Joyce (Patrick Weston). Irish music and song; a collection of songs in the Irish language set to music. Edited for the "Society for the preservation of the Irish language." *Dublin: M. H. Gill & Son*, 1888. vi, 1 l., 44 p. 8°.

Lover (Samuel). Songs and ballads. *London*, 1844. 2. ed. 12°.

Lover (Samuel), *and others*. Book of Irish songs. *Philadelphia: A. Winch* [cop. 1860]. 72 p. 16°.

MacCarthy (D. F.) The book of Irish ballads. *Dublin*, 1848. 24°. (Duffy's Library of Ireland, 21.)

Moffat (Alfred). The minstrelsy of Ireland. 200 Irish songs adapted to their traditional airs... and supplemented with historical notes by A. Moffat. *London: Augener & Co.* [pref. 1897] x, 346 p. 4°. (Augener's edition. No. 8928.)

Moore (Thomas). Keep your tears from me, by T. Moore. [Piano and voice.] *Philadelphia: G. Willig* [18--]. 2 p. f°. *n. t.-p.*

—— Moore's Irish melodies. With symphonies and accompaniments by Sir John Stevenson, and characteristic words by Thomas Moore. *Boston: P. Donahoe*, n. d. 199 p. 1 port. 4°.

Petrie (George). The Petrie collection of the ancient music of Ireland. Arranged for the pianoforte. Edited by...Petrie. *Dublin: Soc'y for the Preservation and publication of the melodies of Ireland*, 1855. v. 1. xxiv, 196 p. f°.

Rathcol. Folk-song arrangements. (Irish musical monthly. v. 1. pp. 76–77. *Dublin*, 1902.)

Rooney (Hubert E.) The well-known songs of Ireland. Edited and arranged by H. E. Rooney. *Dublin: J. Duffy & Co.* [1904?] 1 p.l., 85 p. 4°.

Shamrock (The); or, Songs of Old Ireland. *New York: Dick & Fitzgerald* [cop. 1862]. 72 p. 16°.

Society for the Preservation of the Irish Language. Irish music and song. A collection of songs in the Irish language, set to music. Edited for the Society for the Preservation of the Irish Language...by P. W. Joyce. vi, 1 l., 44 p. *Dublin: M. H. Gill & Son*, 1888. 8°.

Songs (The) of Ireland. Edited by M. J. Barry. *Dublin: J. Duffy*, 1847. 1 p.l., xxvi, 25–232 p. 3. ed. 24°. (Duffy's library of Ireland. v. 22.)

Sparling (Henry Halliday). Irish minstrelsy: being a selection of Irish songs, lyrics and ballads. Edited, with notes and introduction, by H. H. Sparling. *London: W. Scott*, 1888. xxvii, 516 p. 12°.

Stanford (Charles Villiers). Songs of Old Ireland. A collection of fifty Irish melodies. The words by A. P. Graves. The music arranged by C. V. Stanford. *London: Boosey & Co.* [dedication 1882] 2 p.l., 135 p. 4°.

—— Irish songs and ballads. The words by A. P. Graves. The music arranged by C. V. Stanford. *London: Novello & Co.*, cop. 1893. 3 p.l., 125 p. 4°.

Irish, cont'd.

—— Songs of Erin. A collection of fifty Irish folk songs. The words by A. P. Graves. The music arranged by C. V. Stanford. *London: Boosey & Co.*, cop. 1901. 2 p.l., 235 p. 4°.

Stephens' Fenian songster, containing all the ...ballads and songs as sung at the meetings of the Fenian Brotherhood. *New York: W. H. Murphy*, 1866. 72 p. 24°.

Wood (Charles). Irish folk songs, the words by A. P. Graves, the airs arranged by C. Wood. *London: Boosey & Co.*, cop. 1897. 3 p.l., 138 p. 4°.

Italian.

Levi (Eugenia). Indice bibliografico delle raccolte citate. (In her: Fiorita di canti tradizionali del popolo italiano. *Firenze*, 1895. sq. 16°. pp. 395–408.)

Alhaique (Gino). The songs of modern Naples. (Italian Rev. v. 2, pp. 79–82. *Rome*, 1902.)

Badke (Otto). Das italienische Volk im Spiegel seiner Volkslieder. *Breslau: S. Schottlaender*, 1879. 2 p.l., xxi, 1 l., 227 p. 8°.

Barghiglioni (Publio). La canzone del marinaro, comunicato di P. Barghiglioni. (In: Il Volgo di Roma. *Roma*, 1890. 12°. v. 2, pp. 169–171.)

Bellorini (Egidio). Canti popolari amorosi raccolti a Nuoro. *Bergamo: Stab. Frat. Cattaneo succ. a Gaffuri e Gatti*, 1893. 336 p. 8°.

Bernoni (D. G.) Canti popolari veneziani [punt. 1–12]; raccolti da D. G. B. *Venezia: Fontana-Ottolini*, 1872. 15 p. 16°.

Bortolini (G.) Amori veneziani. Canzonette popolari in dialetto. Parole di F. M. Piava, noti di G. Bortoloni. *Milano: R. Estabilimento Ricordi* [18—]. v. p. f°.

—— Raccolta di 12 canzonette popolari Veneziane. *Milano* [19—]. 56 p. f°.

Boullier (Auguste). Le dialecte et les chants populaires de la Sardaigne. *Paris*, 1864. 8°.

Canti popolari delle isole Eolie e di altri luoghi di Sicilia messi in prosa italiana ed illustrati da L. Lizio-Bruno. *Messina: I. d'Amico e Figli*, 1871. vi, 1 l., 244 p. 4°.

Canti scelti del popolo siciliano posti in versi italiani ed illustrati da L. Lizio-Bruno. Aggiuntavi una traduzione francese di anonimo autore. *Messina: Tip. d'Amico*, 1867. xiv, 1 l., 17–131 p. 8°.

Casetti (Antonio), *and* Vittorio Imbriani. Canti popolari delle provincie meridionali raccolti. *Roma, Torino*, 1871–72. 2 v. 12°. (Comparetti (D.), and Ancona (A. d'). Canti e racconti. v. 2, 3.)

Cian (Vittorio), *and* P. Nurra. Canti popolari sardi. Raccolti ed illustrati da V. Cian e. P. Nurra. *Palermo: C. Clausen*, 1893–96. 2 v. 8°. (Curiosità popolari tradizionali. v. 11, 15.)

Ciardi (Cesare). Canti e stornelli popolari toscani in chiave di sol...Raccolta 1–3. *Milano: G. Ricordi & Co.* [18—]. f°. (Edizioni Ricordi.)

Favara (Alberto), Le melodie tradizionali di Val di Mazzara. Con tavole di musica. (Cong. internaz. di sci. storiche, 1903, Atti, v. 8, sez. 4: (Storia dell' arte musicale e drammatica,) pp. 93–105. *Roma*, 1905.)

Ferraro (Giuseppe). Canti popolari del Basso Monferrato. Raccolti ed annotati da G. Ferraro. *Palermo: L. P. Lauriel*, 1888. xviii, 104 p., 1 l. 8°. (Curiosità popolari tradizionali. v. 5.)

—— Canti popolari monferrini raccolti ed annotati. *Torino and Firenze*, 1870. 12°. (Comparetti (D. P. A.), and Ancona (A. d'). Canti. v. 1.)

—— Canti popolari in dialetto Logudorese. *Torino: E. Loescher*, 1891. Pt. 1. 8°. (Canti e racconti del popolo Italiano. v. 9.)

Freytag (Philipp). "O, dolce Napoli." Ausgewählte Neapolitanische Volkslieder der "Raccolta di canti popolari napoletani" für eine singsstimme mit Begleitung des Pianoforte in heimischer Volksmundart und deutscher Uebertragung von P. Freytag. *Leipzig: Breitkopf & Härtel* [189–?]. 1 p.l., 47 p. 4°. (Volksausgabe. Breitkopf & Härtel, no. 333.)

Gialdini (G.), *and* G. Ricordi. Eco della Lombardia. 50 canti popolari lombardi. Raccolti e trascritti da Gialdini e G. Ricordi, con interpretazione italiana di L. Pullé, A. Zanardini, etc. *Milano: G. Ricordi & Co.* [1894] 2 p.l., 170 p. 4°.

Gianandrea (Antonio). Canti popolari marchigiani, raccolti ed annotati. *Roma, Torino*, 1875. 12°. (Comparetti (D. P. A.), and Ancona (A. d'). Canti. v. 4.)

Gordigiani (Luigi). Canti popolari Toscani. *Milano: G. Ricordi & Co.* [189–?] 2 v. port. sq. 4°.

—— Impressione, parole di Leontina Gordigiani, musica di Luigi Gordigiani, canto popolare Toscano. *Paris: Choudens* [18—]. 5 p. f°.

Guastella (Serafino Amabile). Canti popolari del circondario di Modica. *Modica: Tip. Lutri & Secagno Figli*, 1876. cxxx, 104 p. 16°.

Heyse (P.) Italienisches Liederbuch. *Berlin: W. Hertz*, 1860. li, 292 p. 24°.

Hoeppner (Karl Magnus). 20 der schoensten italiänischen Volksmelodien meist mit neuem, deutschen, für die Jugend geeigneten Texte versehen von R. Kretschmar. Ausgewählt und für eine Singstimme mit Klavierbegleitung bearb. von K. M. Höppner. *Leipzig: Breitkopf & Härtel* [189–?]. 39 p. 4°.

Ive (Antonio). Canti popolari istriani, raccolti a Rovigno ed annotati. *Roma, Torino*, 1877. 12°. (Camparetti (D. P. A.), and Ancona (A. d'). Canti del pop. ital. v. 5.)

—— Canti popolari in Veglioto odierno. (Archivio per lo studio d. tradizioni popolari. v. 21, pp. 111–128, 307–314, 501–514. *Palermo*, 1902–03.)

La mia crudel tyranna; a favorite Venetian air, with an acc. for the pianoforte [or harp]. *London: C. Mitchell* [18—]. 3 p. f°.

Leicht (Michele). Prima e seconda centuria di canti popolari Friulani. Con prelezioni. *Venezia: P. Naratovich*, 1867. 1 p.l., [5]–73 p. 8°.

Lega (Gino). Una ballata politica del secolo XIII. [With text.] (Gior. stor. d. lett. ital. v. 46, pp. 82–99. *Torino*, 1905.)

Levi (Eugenia). Fiorita di canti tradizionali del popolo italiano; scelti nei vari dialetti e annotati da E. Levi. Con cinquanta melodie popolari. *Firenze: R. Bemporad & Figlio*, 1895. xiv, 1 l., 408 p. sq. 16°.

Italian, cont'd.

Lizio-Bruno (L.) *See* **Canti** popolari delle isole Eolie; **Canti** scelti.

Love (The) songs of Naples. "Canzone," as sung by Boston's Neapolitans. *Boston*, 1901. f°. (Extract from "The Boston Evening Transcript, April 3, 1901.)

Mandalari (Mario). Canti del popolo Reggino raccolti ed annotati da M. Mandalari. *Napoli: A. Morano*, 1881. 4 p.l., xxiv, 428 p. 12°.

—— Altri canti del popolo Reggino. Appendice al volume "Canto del popolo Reggino." *Napoli: Stabilimento tipografico Pbete*, 1883. 24 p. 12°.

Marsiliani (Alessandro). Canti popolari dei dintorni del lago di Bolsena, di Orvieto e delle campagne dèl Lazio. Raccolti e annotati da A. Marsiliani. *Orvieto: Tip. Marsili*, 1886. 3 p.l., 230 p., 1 l., 1 sheet music. 8°.

Marzo (Eduardo). Songs of Italy. Sixty-five Tuscan, Florentine, Lombardian, and other Italian Folk- and popular songs. Collected and edited by E. Marzo. The English translations by T. Baker. *New York: G. Schirmer*, cop. 1904. 4 p.l., 188 p. 4°. (Songs of the people.)

Meglio (V. de). Eco di Napoli. 150 celebri canzoni popolari napolitane per canto e pianoforte colla traduzione italiana, raccolte dal V. de Meglio. *Milano: G. Ricordi & Co.* [189–?] 3 v. sq. 4°.

Menghini (Mario). Canzoni popolari romane, illustrate da M. Menghini. (In: Il volgo di Roma. *Roma*, 1890. v. 1, pp. 69–79. 12°.)

Nieri (Idelfonso). Raccolta di canti popolari Lucchesi. (Atti d. r. accad. Lucchese di sci. lett. ed arti. v. 31, pp. 135–281. *Lucca*, 1902.)

Ortoli (F.) Les voceri de l'île de Corse. *Paris: E. Leroux*, 1887. 2 p.l., xxxviii, 324 p. 16°. (Coll. de contes et de chansons pop., t. 10.)

Papa, non dite di nò, a favorite Italian song. [Piano and voice.] *Philadelphia: G. E. Blake* [18—]. 3 p. f°.

Pitrè (G.) Canti popolari siciliani raccolti ed illustrati da G. Pitrè. *Palermo: L. Pedone Lauriel*, 1871. 2 v. 12°. (In his: Biblioteca delle tradizioni popolari siciliane. *Palermo*, 1871. v. 1–2. 12°.)

Poesie popolari Sarde. Con prefazione del S. Mele. *Cagliari: Tipografia Nazionale*, 1883. 2 fasc. xliii, 1 l., 162 p. 16°.

No more published.

Ricordi (Giulio). Canti popolari lombardi. Raccolti e trascritti con accompagnaménto di pianoforte da G. Ricordi. Con imitazione italiana di Leopoldo Pullé. *Milano: G. Ricordi & Co.* [189–?] 2 fasc. f°.

Fasc. 1, Canti milanesi; 2, Canti comaschi.

Righi (Ettore Scipione). Saggio di canti popolari veronesi. *Verona* [1863?]. 8°.

Roadside songs of Tuscany, translated and illustrated by F. Alexander, and edited by J. Ruskin. *Sunnyside, Kent: G. Allen*, 1885. 5 p.l., 340 p., 20 pl., 1 port. f°.

Sabatini (Francesco). La lirica nei canti popolari romani, appunti critici. (In: Il volgo di Roma. *Roma*, 1890. v. 1, pp. 35–54. 12°.)

Salomone-Marino (Salvatore). Leggende popolari Siciliane in poesia. Raccolte ed annotate da S. Salomone-Marino. *Palermo: L. P. Lauriel*, 1880. xxix, 1 l., 436 p. 12°.

Somborn (K.) Das venezianische Volkslied: die Villotta. *Heidelberg: C. Winter*, 1901. 172 p. 8°.

Tosti (Francesco Paolo). Canti popolari Abbruzzesi. Trascritti da F. P. Tosti. Versione ritmica di R. Petrosemolo. *Milano: G. Ricordi & Co.* [189–?] 2 p.l., 35 p. 4°.

Trotter (A.) Canti popolari mantovani. (Archivio per lo studio delle tradizioni popolari. v. 18, pp. 227–232. *Palermo*, 1899.)

Vigo (Lionardo). Raccolta amplissima di canti popolari Siciliani. Seconda edizione. (In his: Opere. *Catania: Tipografia Galàtola*, 1870–74. v. 2.. pp. 3–748. 8°.)

Widter (Georg). Volkslieder aus Venetien. Hrsg. von Adolf Wolf. (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 46, pp. 257–379. *Wien*, 1864. 8°.)

Japanese.

Bevan ( ). Miyako-Dori; Japanese melodies collected and arranged for the voice or pianoforte. English lyrics by Antonia Williams. With ill...from drawings by...famous Japanese artists. *London:* [*Paris printed,*] *Novello, Ewer & Co.* [189–?] f°.

Edwards (Osman). Japanese love-songs. (Eng. Ill. Maga. v. 27, pp. 66–73. *London*, 1902.)

Kunze (R.) Zur volksthumlichen japanischen Lyrik. (Mittheil. d. Seminars f. oriental. Sprach. a. d. königl. Friedrich Wilhelms-Univ. zu Berlin. Jahrg. 5. Abtheil 1. (Ostasiat. Studien.) pp. 29–64. *Berlin*, 1902.)

Lange (R.) Lieder aus der Japanischen Volksschule. (Mittheil. d. Seminars f. oriental. Sprachen an der kön. Friedrich Wilhelms-Univ. Jahrg. 3, (1900). Abtheil. 1. (Ostasiat. Studien). pp. 192–215. *Berlin*, 1900.)

Piggott (Francis Taylor). The music and musical instruments of Japan. With notes by T. L. Southgate. *London: B. T. Batsford*, 1893. 1 p.l., xviii, 1 l., 230 p., 23 pl. 4°.

Russo-Japanese (The) war songs [translated] by J. Hashiguchi. *n. t.-p. New York: Russo-Japanese War* [1904]. 8 p. 8°.

Repr.: New York Sun, March–May, 1904.

Jewish.

Braham (John), *and* Isaac NATHAN. A selection of Hebrew melodies, ancient and modern, with appropriate symphonies & accompaniments by by J. Braham and I. Nathan. The poetry written expressly for the work by the... Lord Byron. 1st Number. *London: I. Nathan* [18—]. 4 p.l., 64 p. f°.

Breslaur (Emil). Sind originale Synagogen- und Volks-Melodien bei den Juden geschichtlich nachweisbar? Vortrag gehalten im Verein für judische Geschichte und Litteratur in Berlin. *Leipzig: Breitkopf & Härtel*, 1898. 76 p. 16°.

Brill (Isaac Leep). Some Jewish folk-lore songs. (Jewish Comment. v. 18, no. 8. *Baltimore*, Dec. 4, 1903. f°.)

Cf. Ha-Meliz, v. 38, no. 58 (St. Petersburg, 1898).

Jewish, cont'd.

Dalman (Gustaf Herman). Jüdischdeutsche Volkslieder aus Galizien und Russland, hrsg. von G. H. Dalman. *Leipzig: Centralbureau der Instituta Judaica* (*W. Faber*), 1888. viii, 73 (1) p. 8°. (Schriften des Institutum Judaicum. No. 20 u. 21.)

17 songs by contemporary writers, transliterated.

Evans (Robert Harding). An essay on the music of the Hebrews, originally intended as a preliminary discourse to the Hebrew melodies published by Braham & Nathan. *London: J. Booth*, 1816. 48 p. 8°.

Ginsburg (S. M.), *and* P. S. Marek. Yevreiskiya narodnyya pyesni v Rossii... [Jewish folk-songs in Russia. Collected and edited, with an introduction, by S. M. Ginsburg and P. S. Marek. With a list of collections of Judeo-German poems in the library of the Asiatic Museum of the Imperial Academy of Sciences, by S. E. Wiener.] *St. Petersburg: Office of "Voskhod,"* 1901. xxx, 329, (2), xiv p., 2 l. 8°.

375 Nos., including variants.

The title-page and the introduction are in Russian; the text is in Judeo-German in Hebrew characters, with a transliteration in Latin characters.

Goodwin (Eneas B.) Early Maccabean war songs. (Amer. Ecclesiastical Rev. v. 23, pp. 120–128. *New York*, 1900.)

Orshanski (Ilya Grigoryevich). Prostonarodnyya pyesni russkikh yevreev. [The folk-songs of the Russian Jews. Russian.] In his: Yevrei v Rossii. *St. Petersburg*, 1877. 8°. pp. 391–401.)

Parisot (Jean). A collection of oriental Jewish songs. (Amer. oriental soc. Jour. v. 24, pp. 227–264. *New Haven*, 1903.)

Rapaport (Samuel). Li-Tekunat Shire Ammenu. [On the character of our folk-songs. Hebrew.] (Mi-Mizrach umi-Maarab, ed. by R. Brainin. v. 4, pp. 127–132. *Berlin*, 1899. 8°.)

Rosenberg (Felix). * Ueber eine Sammlung deutscher volks- und Gesellschaftslieder in hebräischen Lettern. [Berlin.] *Braunschweig: E. Appelhaus* [1888]. 82 p., 3 l. 8°.

Repr.: Zeitschrift für die Geschichte der Juden in Deutschland, v. 2–3 (1888–89).

Rosenblum (Noah). Shire Am. [Folk-songs. Hebrew.] (Ha-Meliz. v. 38, no. 59. *St. Petersburg*, 1898. f°.)

Wiener (Leo). The folksong. (In his: The history of Yiddish literature in the nineteenth century. *New York*, 1899. 8°. pp. 53–71.)

—— Songs of the Spanish Jews in the Balkan Peninsula. (Modern Philology. v. 1, no. 1, pp. 1–12. *Chicago*, 1903. 4°.)

Kurg.

Graeter (A.) Die Lieder des Kurgvolkes. (Deutsche morgenländ. Gesellsch. Ztsch. v. 32, pp. 665–693. *Leipzig*, 1878.)

Kabyle.

Hanoteau (Louis Adolphe). Poésies populaires de la Kabylie du Jurjura: texte kabyle et traduction. *Paris*, 1867. 2 p.l., xiv, 475 pp. 8°.

pp. 465–471 music.

Said (Si Ammar) *called* Boulifa. Recueil de poésies Kabyles. (Texte Zouaoua) traduites, annotées et précédées d'une Étude sur la femme kabyle... *Alger: A. Jourdan*, 1904. xciii, 1 l., 555 p. 8°.

pp. lxx–lxxxvi music.

Ladakh.

See Tibetan *below*.

Languedoc.

Born (Bertrand de). Une chanson d'Amour composée au xiie siècle. Introduction by R. de Boysson. 1 pl. (Bull. Soc. hist. & archéol. du Perigord. v. 30, pp. 61–68. *Périgueux*, 1903.)

Arbaud (Damase). Chants populaires de la Provence recueillis et annotés [avec notes musicales]. *Aix*, 1862–64. 2 v. 12°. (Bibl. provenc.)

Escriveta (L'). Poésie populaire languedocienne, traduite en dialecte macedo roumain par T. Iliescu. *Munpellie: Dlui. Grollie si Fiu-Su*, 1882. 30 p., 2 l. 2. ed. 8°.

Montel (A.), *and* L. Lambert. Chants populaires du Languedoc, publiés sous la direction de MM. Montel et Lambert, avec la musique notée. *Paris: Maisonneuve et Cie.*, 1880. xi, 586 p., 1 l. 8°.

With musical scores: Chants populaires du Languedoc.

Lettish.

Baron (Kr.), *and* H. Wissenorff. Latwju dainas. Chansons nationales latviennes. *Mitau: H. T. Drawin-Drawneeks*, 1894. liv, 969 p. 8°.

Jurjan (André). A study on the Ligotnes, popular Latavian songs of St. John's eve. (Arch. Internat. Folk-Lore Assoc. *Chicago*, 1898. 8°. v. 1, Cong. World's Col. Exposition, pp. 374–385.)

Winter (A. C.) Die Birke im Volksliede der Letten. (Archiv für Religionswissenschaft. *Freiburg*, 1899. 8°. v. 2, pp. 1–41).

Lithuanian.

Chase (George Davis). Sun myths in Lithuanian folk-songs. (Amer. Philological Assoc. Transac. and Proc. 1900. v. 31, pp. 189–201. *Boston*, 1900.)

Dainos. Littauische Volkslieder übersetzt von G. H. F. Nesselmann. *Berlin: F. Dümmler*, 1853. viii, 196 p. 24°.

Kudirka (V.) Kanklés lietuviskos dainos. 4 balsams (vyriskiems) sutaikytos. 1. *Tilzeje: Isleido M. Noveskis*, 1895. 24 pp. ob. 12°.

Leskien (August), *and* K. Brugman. Litauische Volkslieder und Märchen aus dem preussischen und dem russischen Litauen, gesammelt... Pt. 1–3. *Strassburg: K. J. Trübner*, 1882. viii, 578 pp. 8°.

Pt. 1. Litauische Volkslieder... gesammelt von A. Leskien.
Pt. 2. Litauische Lieder, Märchen... hrsg. von K. Brugman.
Pt. 3. Litauische Märchen... übersetz von K. Brugman.

Schroeder (Leopold von). Lihgo. (Refrain der lettischen Sonnwendlieder.) (Anthrop. Gesellsch. Mittheil. v. 32, p. 1–11. *Wien*, 1902.)

Magyar.

See Hungarian, *above*.

Malagasy.

Ferrand (Gabriel). Chanson malgache. (Rev. d. traditions pop. v. 19, pp. 385–391. *Paris*, 1904.)

Marre (Eugène Artistide). Coup d'œil sur les chants et les poesies malgaches. (R. accad. d. scienze. Atti, v. 35, pp. 243–260. *Torino*, 1900.)

Malayan.

Heldensang (Ein) der Niasser. Gesang der Gäste beim Feste eines Häuptlings, als er sich den Titel "Balugu" beilegte. Uebersetzt von H. Lagemann. (Tijdschr. v. indische taal-land-en Volkenkunde. v. 48, pp. 341–407. *Batavia*, 1906.)

Modigliani (Elio). Piccolo contributo alla conoscenza dei canti popolari malesi. (Archivio per l'antropol. e l'etnol. v. 31, pp. 381–401. *Firenze*, 1901.)

Manx.

Gill (W. H.) Manx national songs with English words selected from the MS. Collection of The Deemster Gill, Dr. J. Clague, and W. H. Gill, and arranged by W. H. Gill. *London: Boosey & Co.*, cop. 1896. xiv, 145 p. 4°.

Montenegran.

Choikovich (Chubro), *pseud of* S. Milyutinovich. Pyevanniya tzernogorska i khertzegovachka. *Leipzig: B. Taukhnitz*, 1837. 335 pp. 8°.

Moravian.

Bartos (F.) Narodni pisné moravské v nove nasbirané ve sbirku sporadal a vydal F. B. *Brünn: Nakladem Matice Moravské*, 1888–89. 3 parts in 1. 8°.

Moroccan.

See Arabic *above*.

Negro (African).

Desvallons (Gilbert). Musique et danse au Gabon (Congo Français). (Revue musicale. v. 3, no. 5, pp. 215–218. *Paris*, 1903.)

Gentz (D.) Sänge der Hereros in Deutsch-Südwest-afrika. (Globus. v. 83, pp. 80–81. *Braunschweig*, 1903.)

Lieder und Sangesweisen und Geschichten der Wanyamwezi. Von einem früheren Schüler des orientalischen Seminars in Berlin. (Mittheil. d. Seminars f. oriental. Sprachen a. d. königl. Friedrich Wilhelm-Univ. Jahrg. 4, Abtheil. 3. Afrikan. Studien. pp. 45–62. *Berlin*, 1901.)

Negro (American).

Allen (William Francis), *and others*. Slave songs of the United States. By William Francis Allen, C. P. Ware and L. McK. Garrison. *New York: A. Simpson & Co.*, 1867. 1 p.l., xliv., 3 l., 115 p. 8°.

Armstrong (*Mrs.* M. F.), *and* H. W. Ludlow. Hampton and its students. By two of its teachers. With fifty cabin and plantation songs arr. by F. P. Fenner. *New York: G. P. Putnam's Sons*, 1875. 256 p., 1 l., 1 pl. illus. 8°.

Cabin and plantation songs sung by the Hampton students, arranged by Thomas P. Fenner, Frederic G. Rathbun, and Miss Bessie Cleaveland... to which are added a few Indian songs, gathered at Hampton Institute, the negroes' battle hymn, and the grace as sung at Hampton. *New York: G. P. Putnam's Sons*, 1901. vi, 166 p. 3. ed. 8°.

Clark (George W.) The harp of Freedom. *New York: Miller, Orton & Mulligan*, 1856. iv, 5–335 p., 1 port. 12°.

Coleridge-Taylor (Samuel). Twenty-four negro melodies transcribed for the piano by S. Coleridge-Taylor. Op. 59. With a preface by Booker T. Washington. *Boston: Oliver Ditson Co.* [cop. 1905] ix, 2 l., 127 p., 1 port. sq. f°. (The Musicians Library. v. 17.)

Coleridge-Taylor (Samuel). African romances. The words by P. L. Dunbar. Set to music by S. Coleridge Taylor. *London: Augener & Co.*, cop. 1897. 21 p. f°. (Augener's edition, No. 8817.)

Ende (A. von). Die Musik der Amerikanischen Neger. (Die Musik, 5. Jahr., Heft 24, p. 368–375. *Berlin*, 1906.)

Ferrero (F.) La musica del negri americani. (Rivista Musicale Italiana. v. 13, Fascicolo 3, p. 393–436. *Torino*, 1906.)

Krehbiel (Henry Edward). Folk-music studies. Slave songs in America. Their origin and characteristics, growth of interest in them, the literature of the subject.

Clippings from the *New York Tribune* of Sunday, Sept. 10 and Sept. 17, 1899.

—— Some words of negro music. 4°.

Clipping from the *New York Tribune* of Apr. 24, 1899.

Marsh (J. B. T.) The story of the Jubilee singers, with their songs. Revised ed. *Boston: Houghton, Osgood & Co.*, 1880. viii, 243 p., 1 pl. 12°.

—— —— *Boston: Houghton, Mifflin & Co.* [1880] viii, 265 p., 2 pl., 2 port. 12°.

Murphy (*Mrs.* Jeannette Robinson). The true negro music and its decline. (Independent. v. 55, p. 1723–30. *New York*, 1903.)

Old plantation hymns; a collection of hitherto unpublished melodies of the slave and... freedman, with historical and descriptive notes by W. E. Barton. *Boston: Lamson, Wolf & Co.*, 1899. 45 p. 8°.

Peabody (Charles). Notes on negro music. (Jour. Amer. Folk Lore. v. 16, p. 148–152. *Boston*, 1903.)

Peterson (Clara Gottshalk). Creole Songs From New Orleans in the negro dialect, set to music by C. G. Peterson. *New Orleans: L. Gruenwald Co.*, cop. 1902. 20 p. f°.

Read (Angelo M.) Negro melodies not American music. (Musical America. v. 4, no. 13, p. 2; no. 20, p. 13. *New York*, 1906.)

Scherpf (John C.) African melodies. Selected from the most admired Negro melodies and arranged for the pianoforte. *New York: E. Riley*, cop. 1844. 7 p. f°.

Norwegian.

Dybeck (R.) Svenska Vallvison och Hornlåtar, med Norska Artförändringar. *Stockholm: J. L. Brudin*, 1846. 8 p.l., 49 pp. 8°.

Forestier (Auber), *and* R. B. Anderson. The Norway music album: a selection... from

Norwegian, cont'd.

Norway's folk-songs, dances, etc., national airs, and recent compositions, arranged for pianoforte and solo singing, with a few four-part songs. Edited, and furnished with English text by A. Forestier and R. B. Anderson... *Boston: O. Ditson & Co.*, cop. 1881. 260 p., 1 pl. sq. 4°.

Ibsen (Henrik). The saga and the ballad. Translated from the Norwegian by Ethel H. Hearn. (Contemp. Rev. v. 90, pp. 318–331. *London*, 1906.)

Norwegische, isländische, färöische Volkslieder der Vorzeit. In dem Versmassen der Originale übertragen von R. Warrens. *Hamburg: Hoffman & Campe*, 1866. xiii, 1 l., 432 p. 16°. (Germanische Volkslieder der Vorzeit. Bd. 4.)

Pennsylvania German.

Fisher (H.) Kurzweil un Zeitfertreib odder; Pennsylfaanisch deutsche Folks-Lieder. *York, Penn'a: Fischer Brüder*, 1882. 187 p., 1 pl. 8°.

Persian.

Kurroglou. Specimens of the popular poetry of Persia, as found in the adventures and improvisations of Kurroglou, the bandit-minstrel of Northern Persia; and in the songs of the people inhabiting the shores of the Caspian Sea; orally collected and translated, with philological and historical notes, by A. Chodzko. *London*, 1842. 1 p.l., x, 592 p. 4°. (Oriental Translation Fund.)

Phillott (D. C.) Some lullabies and topical songs collected in Persia. (Asiatic Soc. of Bengal. Jour. and Proc. v. 2, pp. 32–53. *Calcutta*, 1906.)

Polish.

Baracz (Ks. Sadok). Bajki fraszki, podania przyslowia i piesni na rusi. *Lwów: A. Wajdowiczowej*, 1886. 271 p. 2. ed. 8°.

Chopin (Frederic François). Polish songs with German and English words. English version by Dr. Theo. Baker. *New York: G. Schirmer*, cop. 1897. 51 p. nar. f°. (In: Schirmer's Library of Musical Classics. vs. 249–250.)

Durjan (Joseph B.) Pohrabne piesne. *Ruzomberku*, 1892. 162 p. 16°.

Gostomski (Romuald). Polnische Volkslieder. *Dresden: E. Pierson*, 1905. iv, 157 p. 12°.

Niemcewicz (J. U.) Spiewy Historyezne, z uwagami Lelewela. *Cracow: Joseph Czech*, 1835. 485 p. 8°.

Roger (Juliusz). Piesni Ludu Polskiego w Górnym Szlasku. Z muzyka. *Breslaw: H. Skutsch*, 1863. 271pp. 8°.

Zielinski (Jaroslaw de). The Poles in music. (Century Library of music. v. 18, pp. 591–609. *New York*, 1902. f°.)

Portuguese.

Braga (Theophilo). Cancioneiro popular, colligido da tradição. *Coimbra*, 1867. 12°.

Cancioneiro da Ajuda, edição critica e commentada por C. Michaëlis de Vasconcellos. *Halle a S.: M. Niemeyer*, 1904. 2 v. 8°.

Monaci (Ernesto). Canti antichi portoghesi, tratti dal codice Vaticano 4803 con traduzione e note a cura di E. Monaci. *Imola: Tip d'Ignazio Galeati e F.*, 1873. xi, 1 l., 32 p. 16°.

Moore (Isabel). Portuguese folk-songs. (Jour. Amer. Folk-Lore. v. 15, pp. 165–169. *Boston*, 1902.)

Thomaz (Pedro Fernandez). Canções populares da Beira, acompanhadas de 52 melodias... Com uma introducçao por J. Leite de Vasconcellos. *Figueira: Imp. Lusitana*, 1896. xxxiii, 1 l., 221 p., 2 l., 8°.

Wolf (Ferdinand). Proben portugiesischer und catalanischer Volksromanzen. [Commentar und Uebersetzungen] Mit einer literarhistorischen Einleitung über die Volkspoesie in Portugal und Catalonien. (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 20, pp. 17–168. *Wien*, 1856. 8°.)

Provençal.

See Languedoc.

Roman.

See also Italian, *above.*

Mueller (L.) Ueber die Volksdichtung der Römer. (Virchow, R. and Wallenbach, W. Sammlung. *Hamburg*, 1891. 8°. N. F., Ser 6, Heft 130.)

Roumanian.

Friedwagner (Mathias). Romänische Volkslieder aus der Bukowina. (In: Bausteine zur romänischen Philologie. *Halle a. d. S.*, 1905. 8°. pp. 683–714.)

Mandyczewski (Eustache). Rumänische Lieder (Cântece Romanesci). Deutsche Uebersetzung von Jos. Wiedman. Musik von E. Mandyczewski. *Wien: A. Robitschek* [19—]. 50 p. f°. (Universal edition. No. 387.)

Vacaresco (Helene). The bard of the Dimbovitza. Roumanian folk-songs, collected from the peasants by H. Vacaresco. Translated by Carmen Sylva and Alma Strettell. [Ser. 1-]2. *London: J. R. Osgood, McIlvaine & Co.*, 1892–1894. 2 v. 8°.

Wagner (O.) Das rumänische Volkslied. (Sammelbände der Internationalen Musik-Gesellschaft. v. 4. 164–169. *Leipzig*, 1902.)

Russian and Ruthenian.

Afanasyev (Aleksandr Nikolayevich). Poeticheskiya vozzryeniya slavyan na prirodu... *Moscow: K. Soldatenkov*, 1865–9. 3 v. 8°.

Altmann (Julius). Die Balalaika. Russiche Volks-Lieder gesammelt und ins Deutsche übertragen von J. Altman. *Berlin: F. Schneider*, 1863. xxxiv, 1 l., 400 p. 24°.

Artemovski (Aleksyei Gulak). Narodni ukrainski pisni z golosom (50 pisen i 5 dodatkiv). *Kiev: Ye. Fiodorov*, 1868. 50, xii p. 8°.

—— Narodni ukrainski pisni z golosom. *Kiev*, 1883. 2 p.l., 43, 12 pp. 8°.

Ascold's tomb: a Russian opera comique... as performed...in America by the Slaviansky Russian opera company. Music Verstowskago [Verstovsky]. Translated from the Russian by Olga Agreneff Slaviansky. [Libretto.] *New York: Sanford, Cushing & Co.*, 1869. 14 p. 8°.

Balakirev (Mili). Sbornik russkikh narodnykh pyesen. Recueil de chants populaires Russes. Traduction Française. *Leipzig: M. P. Byelyaiev*, 1898. 55 p. 8°.

Russian and Ruthenian, cont'd.

Bernard (M.) Pyesni Russkavo naroda. Dlya pyeniya s fortepiano. *Moskow: P. Jurgenson*, 1886. 157 p. 8°.

Chodzko (Alexander). Les chants historiques de l'Ukraine et les chansons des Latyches des bords de la Dvina occidentale. Périodes Païenne, Normande, Tartare, Polonaise et Cosaque. Traduits sur les textes originaux par A. C. *Paris: E. Leroux*, 1879. 4 p.l., 200, lxxi p., 1 l. 8°.

Chuguyevetz (Pavel). Malorusskiya bytovyya pyesni. Ocherki iz zhizni provintzialnavo zakholustya. I) Pyesni pro semeinoe gore. II) Svyatochnyya pyesni. III) Pyesni pro pyanstvo. *Kharkov: "Yuzhny Krai,"* 1889. 80 pp. 12°.

Dobrovolski (V. K.) Smolenski Etnograficheski Sbornik. Vol. IV. *Moscow: A. Vasilyev*, 1903. (Zapiski Imperatorskavo Russkavo Geograficheskavo Obshchestva po Otdyeleniyu Etnografii. T. XXVII.)

Dobrynia. A Russian būilina. [Translated into English by George Calderon.] (Monthly Rev. v. 5 (no. 15, Dec., 1901). pp. 148–161. *London*, 1901.)

Dragomanov (M.) Politichni pisni ukrainskovo narodu xviii–xix st. *Geneve: H. Georg*, 1885. xii, 225 p. part 1. 12°.

Dyutshem (G. O.), *and* F. M. Istomin. 30 pyesen russkavo naroda dlya odnovo golosa s soprovozhdeniem fortepyano iz sobrannykh v 1886 g. garmonizoval M. Balakirev. *Leipzig: K. G. Reder* [18—]. 96 pp. 4°.

Fillmore (John Comfort). Russian folk-songs. A study in musical psychology. [With music.] (Music. v. 4, p. 123–147. *Chicago*, 1893.)

Franko (I.) Zhyenocha nevolya v russkikh pyesnyakh narodnykh. *Lvov: "Shevchenko,"* 1883. 50 pp. 8°.

Ginsburg (S. M.), *and* P. S. Marek. Yevreiskiya narodnyya pyesni v Rossii. Sobrany i izdany pod redaktzieyu i s vvedeniem S. M. Ginsburga i P. S. Mareka. Judeo-German and Russian. *St. Petersburg: "Voskhod,"* 1901. xxx, 329 (2), xiv pp. 2 pl. 8°.

Golovatzki (Yakov F.) Narodnyya pyesni Galitzkoi i Ugorskoi Rusi... *Moscow: "Universitetskaya tipografiya*, 1878. 3 v. in 2. 8°.

Hapgood (Isabel Florence). The epic songs of Russia. With an introductory note by Francis J. Child. *New York: Charles Scribner's Sons*, 1886. xiii, 1 l., 358 p. 12°.

—— Russian peasants' songs. [*New York*] 1902. 8°.

Newspaper clipping, without music.

Jurgenson (P.) Treti tzyganski sbornik dlya pyeniya, s fortepiano. *Moscow: P. Jurgenson*, 188–? 166 p. 4°.

Karpenko (Stepan). Vasil'kovski solovei Kievskoi Ukrainy. Slavyanorusski al'bom dlya odnovo golosa... s'prisovokupleniem malorossi'skikh i jevreiskikh tantzev. The Vasilkov nightingale of the Kiev Ukraine. Slavo-Russian album for one voice...added Little-Russian and Hebrew dances. *St. Petersburg: M. Bernard* [1864]. F°.

Keeton (A. E.) Russian Folk-songs. (Étude, v. 22, no. 4, p. 165. *Philadelphia*, 1904.)

No music.

Keeton (A. E.) Songs of the Russian people. (Monthly Rev. v. 9, no. 3, pp. 114–125. *London*, 1902.)

Krehbiel (Henry Edward). Russian music. The folksongs of Russia; their poetical and musical character; how they are sung.

Clipping from the New-York Daily Tribune, Sunday, July 23, 1899.

Lineff (Eugenie). The peasant songs of Great Russia as they are in the Folk's harmonization. Collected and transcribed from phonograms by E. Lineff. Series I. *St. Petersburg: Imperial Acad. of Sciences* [1905]. 3 p.l., lxi, 1 l, xlviii, 2 l., 90 p., 2 tabl. 4°. (Imperatorskaya Akademiya Naúk.)

Reviewed by Henry E. Krehbiel in *New York Tribune*, 20 August, 1905.

Lyadov (A.) Sbornik russkikh narodnykh pyesen. [Recueil de chansons populaires Russes.] *Leipzig: M. P. Byelyaiev*, 1898. 40 p. 8°.

Mitawa (L.) Das russische Volkslied. (Musikalisches Wochenblatt. v. 34, no. 40, pp. 549–551, no. 41, pp. 564–565. *Leipzig*, 1903.

Molchanov (I.) Novy voyenny pyesennik... *St. Petersburg: Petèrburgskaya gazeta*, 1889. 125 p. 16°.

Pauli (Zegota). Piesni Ludu Ruskiego w Galicyi. *Lemberg: K. Jablonski*, 1839. 205 p. 8°.

Polny russki pyesennik. Soderzhashchi v sebye 1,000,000 russkikh tzyganskikh voyennyk pyesen, romansov i kupletov. *Moscow: P. N. Sharapov*, 1888. 490, xii p. 12°.

Prokunin (P.) 65 russikh narodnykh pyesen dlya odnovo golosa s fn. (P. Chaikovski). *Moscow: P. Yurgenson*, 1898. 86 p. 8°.

Ralston (W[illiam] R[alston] S[hedden]). The songs of the Russian people, as illustrative of Slavonic mythology and Russian social life. *London: Ellis & Green*, 1872. xvi, 439 (1) p. 8°.

Rimski-Korsakov (N. A.) Chants nationaux russes, recueillis par N. A. R. Korsakov...Sbornik russkikh narodnykh pyesen... Chast I. Byliny povyestvovatel'nyya, liricheskiya i plyasovyya. (40 pyesen.) Chast II. Pyesni igrovyya i obryadnyya. (60 pyes.) Op. 24. *St. Petersburg: W. Bessel & Co.* [1877] 2 p. in 1. 8°.

Rozhnov (A.) Rodnyye zvuki, sobranie narodnykh napyevov aranzhirovannyk na 4 odnorodnye golosa. *Moscow: P. Yurgenson*, 1886. 45 p. 8°.

Rudchenko (I. J.) Chumatzkiya narodnyya pyesni. *Kiev: M. Fritz*, 1874. 357 p., 3 pl. 8°.

Russian folk-songs as sung by the people and peasant wedding ceremonies customary in northern and central Russia, from authentic material collected and translated by E. Lineff, with a preface on Russian folk-songs by H. E. Krehbiel. *Chicago: C. F. Summy*, 1893. 63 p. 8°.

[**Scarlet** (The) sarafan. Russian folk-song by Warlamoff.] Der rothe Sarafan. 7 p. (In: Transcriptionen von Victor Felix. [Piano solo.] *Leipzig* [18—]. f°. v. 2.)

Shein (Pavel Vasilyevich). Materialy dlya izucheniya byta i yazyka russkavo naseleniya Syevero-Zapadnavo kraya. *St. Petersburg: Tip. Imper. Akademii Nauk*, 1887–1893. 3 part. 2 v. in 3. 8°.

Russian and Ruthenian, cont'd.

Sobolevski (Aleksyei Ivanovich). Velikorusskiya narodnyya pyesni. *St. Petersburg: "Gosudarstvennaya Tipografiya,"* 1890–1902. 7 v. 8°.

Teza (Emilio). Canti di popolo dalla Bulgaria e dalla Russia: alla memoria di N. Tommaseo. (R. istituto veneto. Atti. v. 62, pt. 2, pp. 17–30. *Venezia*, 1902–03.)

Vessel (N. C.) Sbornik soldatskikh, kazatzkikh i matrosskikh pyesen, vypusk I. 100 pyesen. Slova sobral N. Kh. V., s golosa na noty polozhil Ye. K. Albrekht. *St. Petersburg: V. Balashov*, 1875. xviii, 86 p. 8°.

Vyenok pyesnei malorusskikh. Vyenok pyesnei malorusskikh, ili: dumy, dumki, khory, tantzye. *Peremyshl: Tipogr. Russkavo Sobora Klirosa*, 1889. 186 p. 24°.

Wesselofsky (A. N.) Die neueren Forschungen auf dem Gebiete der russischen Volkspoesie. (Russische Revue. Monatschrift für die Kunde Russlands. Bd. 1. pp. 403–446. 8°. *St. Petersburg*, 1881.)

Yedlichka (A.) Sobranie malorossiskikh narodnykh pyesen. *Moscow: P. Yurgenson*, 1901. 2 prts. 4°.

Samoan.

Capellen (Georg). Sechs samoanische Volkslieder für Klavier mit oder ohne Gesang. *Leipzig: Breitkopf & Härtel* [1905]. 9 p. f°.

Scandinavian.

See also Danish, Icelandic, Norwegian, Swedish.

Boer (R. C.) Das Högnilied und seine verwandten. (Arkiv för Nordisk Filologi. n. s. v. 16 (v. 20). pp. 142–184. *Lund*, 1903.)

Krehbiel (Henry Edward). Scandinavian music.

Clipping from the New York Daily Tribune of Sunday, July 9, 1899.

Nyeste (Den) visebog for hvermand...Indhold: I. Fædrelandet, folket og friheden. II. Krigeren, jægeren... III. Sjömanden og fiskeren. IV. Haandværk... V. Studenter og sangere... VIII. Kærlighedssange og serenader... XI. Sange af teaterstykker... *Kristiania: A. Cammermeyer* [1901]. 320 p. 4. ed. 24°.

Pineau (Léon). Vieux chants populaires scandinaves de l'âge barbare. (Archivio per lo studio delle tradizioni populari. v. 19, pp. 289–306. *Palermo*, 1900.)

Scotch.

See also Gaelic.

Andrews (John). Raising the wind: or, Habbie Sympson & his wife baith deid. Together with The lyfe and deithe of Habbie Simpson, the famous pyper of Kilbarchan. Written by Robert Sempill, of Belltreis, between the years 1630 and 1640. *Paisley: G. Caldwell & Co.*, 1865. 8 p. 16°.

Aytoun (William Edmondstone). *See* **Ballads** of Scotland.

Balfour (Sir James). Ballads, and other fugitive poetical pieces, chiefly Scotish, from the collections of Sir J. Balfour. *Edinburgh:* [*A. Lawrie & Co.*,] 1834. ix, 42 p. 8°.

Ballads (The) of Scotland. Edited by William Edmondstone Aytoun. *Edinburgh and London: W. Blackwood & Sons*, 1858. 2 v. 16°.

Battle (The) of Roslin and John Highlandman's remarks on Glasgow. [Songs.] *Glasgow* [182–]. 8 p. 16°.

Battle (The) of Roslin, fought on the plains of Roslin, 1303, and John Highlandman's remarks on Glasgow. [Songs.] *Glasgow*, 1823. 8 p. 16°.

Betsey Baker, to which are added, Who's master?...York you're wanted, and Emigrant's farewell. [Songs.] *Glasgow: J. Neil*, 1829. 8 p. 16°.

Blue bell (The): a selection of Scottish songs. *Edinburgh: J. Maclaran* [1851]. 48 p. new ed. sq. 24°.

Bonny Mally Stewart. To which are added, The sailor's journal. Tak your auld cloak about ye. [Songs.] *Stirling: W. Machie*, 1823. 8 p. 16°.

Burns (Robert). Burns' popular songs. *Paisley: G. Caldwell & Co.* [18—] 24 p. 16°.

Campbell (Alexander). Albyn's anthology; or, A select collection of the melodies and vocal poetry peculiar to Scotland and the Isles ... Collected and arranged by A. C...The modern Scottish and English verses adapted to the Highland, Hebridean and Lowland melodies, written by Walter Scott and other living poets... *Edinburgh: Oliver & Boyd*, 1816–18. 2 v. f°.

Chambers (Robert). The romantic Scottish ballads: their epoch and authorship. n. p. [18—] 1 p.l., 46 p. 8°.

—— Scottish songs, collected and illustrated. *Edinburgh*, 1829. 3 v. 8°.

—— The Scottish ballads; collected and illustrated by Robert Chambers. *Edinburgh: W. Tait*, 1829. 2 p.l., 5, vii, 399 p. 16°.

Child (Francis James). English and Scottish ballads. *Boston: Little, Brown & Co.*, 1860. 8 v. 8°.

—— The English and Scottish popular ballads, edited by F. J. C. Pt. 1–10. *Boston: Houghton, Mifflin & Co.* [cop. 1882–'98] 5 v. 4°.

—— English and Scottish popular ballads. Edited from the collection of F. J. Child by H. C. Sargent and G. L. Kittredge. *Boston: Houghton, Mifflin & Co.*, 1904. xxxi, 730 p., 1 pl., 1 port. 8°. (Cambridge edition of the poets.) Engraved title-page.

Clyne (N.) The romantic Scottish ballads and the Lady Wardlaw heresy. *Aberdeen: A. Brown & Co.*, 1859. 49 p. 8°.

Collection (A) of ancient and modern Scottish ballads, tales, and songs, with ... notes and observations by John Gilchrist. *Edinburgh: W. Blackwood*, 1815. v. 1. 12°.

[**Collection** of ballads: broadsides mounted in a scrap-book. *Glasgow, etc.*, 18—?] 166 l. f°.

[**Collection** of chap books. Containing old Scottish ballads, songs, and tales. *Glasgow, Stirling, Paisley, etc.*, 1818–1860?] 36 nos. 16°.

[**Collection** of 23 chapbooks. *Kirkintilloch, Glasgow*, 182–?] 16°.

Scotch, cont'd.

Coronation (The). The Misstletoe (*sic*) bough. Billy O'Rourke. The friar of orders gray. Dumbarton's bonnie dell. [Songs.] *Glasgow* [1838?]. 8 p. 16°.

Corri. A new & complete collection of the most favourite Scots songs including a few English and Irish, with proper graces and ornaments peculiar to their character, likewise the new method of accompaniment of thorough bass. *Edinburgh: Corri & Co.* [17—?] 1 p.l., 33, (1) p. f°.

Cromek (Robert Hartley). Remains of Nithsdale and Galloway song: with historical and traditional notices relative to the manners and customs of the peasantry... *London: T. Cadell*, 1810. 1 p.l., viii, xxxii, 370 p. 8°.

Cunningham (A.) The songs of Scotland, ancient and modern. *London*, 1825. 4 v. 8°.

Disappointed (The) lover; to which are added, Up in the morning, Wellington's address, My bonny Jean. [Songs.] *Stirling: W. Macnie*, 1825. 8 p. 16°.

Dixon (James Henry). *See* **Scottish** traditional versions of ancient ballads.

Drunken (The) exciseman; to which is added, Young Donald of Dundee. When I was young. Langsyne beside the woodland burn ... Robin Hood. *Glasgow* [182–?]. 8 p. 16°.

The **Edinburgh** (Edina's) songster... *Edinburgh: J. Maclaren* [18—?]. 24 p. 16°.

Fest (Fred.) Balquhither. A popular Scotch air ... arranged for the pianoforte by F. Fest. *Philadelphia: G. E. Blake* [18—] [2 p.] f°.

Finlay (John). *See* **Scottish** historical and romantic ballads.

Five excellent songs. The constant shepherd. The wreath. Welcome summer back again. The dainty bit plan. The bachelor. *Glasgow* [182–?]. 8 p. 16°.

Five excellent songs. Paddy's dream. The charming widow. The carle he cam' ower the craf. Gude ale comes. Rab Roryson's bonnet. *Glasgow* [182–?] 8 p. 16°.

Five favourite songs. Kate Kearney. A soldier's song. Patie's wedding. The lass of Gowrie. Young William. *Glasgow* [182–?] 8 p. 16°.

Five popular songs. The angel's whisper. Helen the fair. The wind blew the bonny lassie's plaidy awav. Mistress Johnson. Do you ever think of me, Peg? *Glasgow* [182–?] 8 p. 16°.

Five popular songs. The angel's whisper. Helen the fair. The wind blew the bonny lassie's plaidy awa. Mistress Johnston. Do you ever think on me, Peg? *Glasgow* [182–?] 8 p. 16°.

Five Scotch songs. Somebody. Lassie wi' the lint-white locks. There's nae luck about the house. Hey the bonnie breast knots. John O'Badenyon. *Glasgow* [182–?] 8 p. 16°.

Five songs. The peck o' maut. 'Tis the last rose of summer. To Mary in heaven. The Highland laddie. The confession. *Glasgow* [182–?] 8 p. 16°.

Four books of choice old Scottish ballads, M.DCCCXXIII–M.DCCCXLIV. *Edinburgh: Repr. for private circulation*, 1868. 4 pts. in 1 v. 1 port. 12°.

I. A ballad book. Edited by Charles Kirkpatrick Sharpe. Edinburgh, 1823.
II. A north country garland.
III. The ballad book. Edited by Geo. Ritchie Kinloch.
IV. A new book of old ballads. Edited by Jas. Maidment.

Four excellent songs. viz.: The boatie rows. The lass of Patie's Mill. Jock o' Hazledean. Tak' your auld cloak about ye. *Stirling: E. Johnstone* [1820?]. 8 p. 16°.

Four excellent songs. Highland Harry. The storm. The boatie rows. Bonny Jean. *Glasgow* [182–?]. 8 p. 16°.

Four excellent songs. Jack Robinson. The girl I left behind me. Lord Lovel. The haughs of Cromdale. *Glasgow* [182–?] 8 p. 16°.

Four excellent songs. The wonderful wig. Meg o' the mill. The rantin dog the daddie o't. Gilderoy. *Glasgow* [182–?] 8 p. 16°.

Four favourite comic songs. The cork leg and steam arm. The great sea snake. The sailor's consolation. The wonderful nose. *Glasgow*[182–?] 8 p. 16°.

Four popular songs, viz.: Alice Gray. My mither men't my auld breeks. Will the weaver, and O wat ye wha's in yon town. *Stirling: E. Johnstone* [1860?] 8 p. 16°.

Four popular songs. Roger and Nelly. Gae tak' your auld cloak about ye. A lassie lives by yonder burn. Low down in the broom. *Glasgow* [182–?] 8 p. 16°.

Four songs. Cherry-cheeked Patty. Judy O'Flannikin. No peace about the house. Maggie Lauder. *Glasgow* [182–?] 8 p. 16°.

George and Britain save; to which are added, The plowman's ditty. Lay thy loof in mine, lassie. By Logan's streams. [Songs.] *Stirling: W. Macnie*, 1825. 8 p. 16°.

Gilchrist (John). *See* **Collection** of ancient and modern Scottish ballads.

Görbing (Friedrich). Beispiele von realisierten Mythen in den englischen und schottischen Balladen. (Anglia, v. 23, pp. 1–13. *Halle a S.*, 1900.)

Grimm (W. K.) Drei altschottische Lieder in Original und Uebersetzung aus zwei neuen Sammlungen. Nebst einem Sendschreiben an... Professor F. D. Gräter. *Heidelberg: Mohr & Zimmer*, 1813. 56 p. 8°.

Grog. Row, brothers, row. On a bank of flowers. Here's to the sogar wha bled. Lovely Jean. [Songs.] *Glasgow* [1820?] 8 p. 16°.

Grundtvig (S. H.) Engelske og Skotske Folkeviser fordanskad af Svenn Grundtvig. *Kjöbenhavn*, 1842–43. 8°.

Hadden (J. Cuthbert). Popular songs: "Auld Lang Syne." (Musical Leader and Concert-goer. v. 8, No. 10, p. 16. *Chicago*, 1904.)

Hallow (The) fair; to which are added, Queen Mary's Lamentation. The contented lover, Ungrateful Nanny, Homeward Bound. [Songs.] *Stirling: W. Macnie*, 1826. 8 p. 16°.

He comes from the wars. Love's Young Dream. A soldier's gratitude. Father Paul. My fond shepherds. King David was a soldier. [Songs.] *Glasgow* [1820?] 8 p. 16°.

Scotch, cont'd.

Hecht (Hans). Neuere Literatur zur englisch-schottischen Balladendichtung. (Englische Studien. v. 36, pp. 370–384. *Leipzig*, 1906.)

Highland (The) piper's advice to drinkers. To which are added, Home, sweet, sweet home. Wallace's lament. Connel and Flora. Here is the glen. Oh hey Jonny lad, and Charlie is my darling. [Songs.] *Airdrie: J. & J. Neil* [1820?] 8 p. 16°.

Hogg (James). Jacobite relics of Scotland: the songs, airs and legends of the adherents to the house of Stuart, collected and illustrated by James Hogg. [1st–]2d ser. *Paisley*, 1874. port. 8°.

Humorous (The) adventures of Jump Jim Crow. [Song.] *Glasgow* [18—?] 8 p. 16°.

Hunting (The) of Chevy Chase, a bloody battle, fought by Earls Douglas and Percy... *Glasgow* [1825?] 8 p. 16°.

Hurrah for the bonnets of blue. Pray goody. Donald of Dundee. The cypress wreath. I'd be a butterfly. Oh say not women's love is bought. He's over the hills that I lo'e weel. The captive maniac. *Glasgow*, 1829. 8 p. 16°.

Illustrated book of Scottish songs, from the 16th to the 19th century. 2. ed. *London: N. Cooke*, 1854. 1 p.l., viii, 325 p., 1 pl. 12°.

Jim Crow. Hey for a lass wi' a tocher. Mary of Castlecary. Haud awa frae me, Donald. This is no my plaid. Of a' the airts the wind can blaw. Auld langsyne. [Songs.] *Glasgow* [182–?] 8 p. 16°.

John Anderson my Jo. Low down in the broom. It was upon a Lammas night. The banks of the Doon. Land of the leal. Lubin is away. [Songs.] *Glasgow*, 1828. 8 p. 16°.

Johnson (James) The Scotish musical museum; consisting of upwards of six hundred songs, with proper basses for the piano forte. Originally published by J. Johnson, and now accompanied with... notes and illustrations of the lyric poetry and music of Scotland... by William Stenhouse... *Edinburgh: W. Blackwood and Sons*, 1839. 6 v. 8°.

King's (The) muster, to which is added, Nae luck about the house, and Up in the morning early and Bauldy Baird. [Songs.] *Glasgow: R. Hutchison*, 1823. 8 p. 16°.

Kinloch (G. R.) Ancient Scottish ballads, recovered from tradition, and never before published, with notes, historical and explanatory, and an appendix containing the airs of several of the ballads. *London*, 1827. 8°.

Knight (The) of Elle; a scarce and favourite old Scotch ballad. *Glasgow* [182–?] 8 p. 16°.

Laird (The) of Cockpen. The hero's identity considered. [Signed] H. A. C. (Scottish Antiquary. v. 14, pp. 85–81. *Edinburgh*, 1899.)

Lang (Andrew). The Queen's Marie. In his: The valet's tragedy, and other studies. *London*, 1903. 8°. pp. 291–311.)

Lawson (Malcolm). Songs of the North, gathered together from the Highlands and Low lands of Scotland. Edited by A. C. MacLeod and H. Boulton. The music arranged by M. Lawson. *London: J. B. Cramer & Co.* [189–?] 2 v. pl. f°.

v. 1., 20. ed.; v. 2., 5. ed. and edited by H. Boulton.

Lawson (R.) The ballads and songs of Carrick, with nineteen musical illustrations arranged for part-singing. Introductory notes. 30 pp. *Paisley: J. R. Parlane*, n. d. 8°.

Lockhart (John Gibson). Ancient Spanish ballads, historical and romantic, translated by J. G. Lockhart. *Edinburgh: W. Blackwood*, 1823. xxvii, 209 p. 4°.

—— —— With illustrations from drawings by ... Henry Warren, C. E. Aubrey, and William Harvey. The borders and... vignettes by Owen Jones. *London: J. Murray*, 1841. 118 l., 6 pl., 4 engr. t.-p. new ed. 8°.

—— —— *London: John Murray*, 1842. engr. title, 118 l., 3 gilt half-titles, 6 lithographs. new ed. 4°.

—— —— *New York: Wiley and Putnam*, 1842. vi, 1 l., 272 p. 8°.

—— —— *London: J. Murray*, 1856. 123 l., 6 pl., 1 port. 4°.

—— —— *Boston: Whittemore, Niles, and Hall*, 1856. xxiv, [25–] 151 p., port. 12°.

—— —— With a biographical sketch of the author. *Boston: T. O. H. P. Burnham*, 1861. xxxviii, 154 p., 1 port. new ed. 8°.

—— —— *London: J. Murray*, 1870. xxii, 127 (1) p., 23 pl., 1 port. 12°.

Logan (W. H.) A pedlar's pack of ballads and songs. With illustrative notes. *Edinburgh: W. Patterson*, 1869. xiv, 479 p. 8°.

Loss (The) of the pack; to which is added the pack's address. n. p. [18—] 8 p. 16°.

M'Dowall (William). Among the Old Scotch minstrels; studying their ballads of war, love, social life, folk-lore and fairyland. *Edinburgh: D. Douglas*, 1888. xi, 351 p. 12°.

Maggy Lauther, to which are added, The Pitcher. Bonny Jean. Yarrow braes. [Songs.] *Stirling: W. Macnie*, 1823. 8 p. 16°.

Maidment (J.) Scotish ballads and songs, historical and traditionary. *Edinburgh: W Patterson*, 1868. 2 v. 8°.

Margaret and the minister; a true tale. To which is added, Soda water. [Verses.] *Paisley: G. Caldwell* [182–?] 8 p. 16°.

Marr (J. S.) Two hundred and twenty-two popular Scottish songs with music: The choicest melodies of Scotland, as sung by Wilson, Templeton, Mackay, and other popular vocalists. *Glasgow: J. S. Marr*, 1872. 138 p. 24°.

Menmuir (Charles). Folk-lore in Scottish ballad poetry. (Scots Maga. v. 23, pp. 441–453. *London*, 1899.)

Metcalf (J. W.) Scottish folk song: "Oh, dinna ask me." (Musical world, v. 3, No. 3, pp. 1–3. *Boston*, 1903.)

New (A) song Called Auld Scotia free; to which are added, O Helen thou art my darling. The lovely lass of Allan-down. Will ye go to the ewe bughts, and A lamentation for the death of the brave McKay. [Songs.] *Airdrie: J. & J. Neil* [182–?]. 8 p. 16°.

Queen Mary's lamentation. To which are added, The orange and blue, Lord Gregory, Tak' your auld cloke about ye. and The sailor's return. [Songs.] *Glasgow: R. Hutchison*, 1823. 8 p. 16°.

Scotch, cont'd.

Ramsay (Allan). The tea-table miscellany: with a collection of choice songs, Scots and English. *Edinburgh: A. Donaldson*, 1762. xxxiv, 448 p., 4 l., 1 port. 4 v. in 1. 13. ed. 12°.

—— —— *Edinburgh: A. Kincaid & J. Bell*, 1768. 14. ed. 12°.

Roy's wife of Aldivalloch. To which is added, The Highland plaid, Neil Gow's fareweel, John Anderson, my Jo, Maria. [Songs.] *Glasgow: R. Hutchison*, 1823. 8 p. 16°.

Sailor's (The) tragedy; to which are added, Highland Mary, The Irish wedding. [Songs.] *Stirling: W. Macnie*, 1825. 8 p. 16°.

Schmidt (Erich). Edward. (In: Forschungen zur neueren Litteraturgeschichte... *Weimar*, 1898. 8°. pp. 29–50.)

Scott (Sir Walter). Minstrelsy of the Scottish border: consisting of historical and romantic ballads, collected in the southern counties of Scotland: with a few of modern date. *London: T. Tegg*, 1839. 1 p.l., lxxiii, 559 p., 1 port. 8°.

—— —— n. p., n. d. 488 p. 8°.

—— Young Lochinvar [by Scott]. To which are added The Rose of Dumore, Scottish whisky, Blythe was she but and ben, Sleeping Maggie, Shepherds, I have lost my love. [Songs.] *Glasgow*, 1828. 8 p. 16°.

Scottish field (The). Edited by J. Robson. xv, 28 p. 1855. (In Chetham miscellanies. [*Manchester*,] 1856. 4°. v. 2.)

Scottish historical and romantic ballads, chiefly ancient; with remarks on the early state of romantic composition in Scotland, by John Finlay. *Edinburgh: A. Constable and Co.*, 1808. 2 v. 8°.

Scottish traditional versions of ancient ballads. Edited by James Henry Dixon. *London: Percy Society*, 1845. 2 p.l., xvi, 108 p. 12°.

Select collection of original Scottish airs for the voice. *See* **Thomson** (George).

Sempill (R.) Lvfe and deithe of Habbie Simpson, the famous pyper of Kilbarchan. (In: Andrews (John). Raising the wind; or, Habbie Sympson and his wife baith deid. *Paisley*, 1865. pp. 6–8. 16°.)

Seven excellent songs. Blythe was she. The braes of Balquhither. The young May moon. Loudon's bonnie woods and braes. Bonnie Mary Hay. O are ye sleeping, Maggie. Such tears are bliss. *Glasgow* [182–?] 8 p. 16°.

Seven of the most popular songs. The bridal ring. What are you going to stand. The lassies of Scotland. The Macgregor's gathering. Farewell to the mountain. The banks of the blue Mozelle. 'Twas merry in the hall. *Glasgow* [182–?] 8 p. 16°.

Seven popular songs. The lily of France. Blue bonnets over the border. The light of other days. When bless'd with love and you. Judy Magrath. The bloom is on the rye. Rory O'More. *Glasgow* [182–?] 8 p. 16°.

Seven popular songs. The thistle. The Highland plaid. Och hey! Johnnie lad. My love was born in Aberdeen. A red red rose. As I came down the Cannogate. My Patie is a lover gay. *Glasgow* [182–?] 8 p. 16°.

Seven Scotch songs. The garb of old Gaul. The standard on the braes. The last breathings of Napoleon. Mary, I believed thee true. Jock o' Hazeldean. Wha wadna fight for Charlie. Dumbarton's bonnie dell. *Glasgow* [182–?] 8 p. 16°.

Sir Patrick Spence, all the preserved versions, synoptically reprinted from Child's Ballads for the use of English seminaries. *Berlin: Mayer & Müller*, 1904. folder. 8°.

Six excellent songs. Allen-a-dale. The youthful squire. The margin of Zurich's waters. The rover's bride. The chieftain's daughter. Sir John the Grame. *Glasgow* [18..] 8 p. 16°.

Six favourite songs. Black-eyed Susan. The lammie. Draw the sword, Scotland. Lord Ronald. A tear that falls. A Scots sang. *Glasgow* [182–?] 8 p. 16°.

Six favourite songs. Kathleen O'More. The doctors. Macpherson's farewell. Laddie, oh leave me. The death of Nelson. Merry and wise. *Glasgow* [182–?] 8 p. 16°.

Six favourite songs. The sailor's epitaph. Blue-eyed Mary. The song of the olden time. Black-eyed Susan. Roy's wife. Green bushes. *Glasgow* [182–?] 8 p. 16°.

Six popular songs. Alice Gray. England, Europe's glory. A light heart & thin pair of breeches. The braes of Busbie. Waes me for prince Charlie. Scotland yet. *Glasgow* [182–?] 8 p. 16°.

Six popular songs. The deuks dang o'er my daddie. John Anderson, my Jo. Fy gar rub her owre with strae. My boy Tammy. An auld man would be wooing. Banks of Allan water. *Glasgow* [182–?] 8 p. 16°.

Six Scotch songs. Bonaparte's lament in his exile. Green grows the rashes, O. Marry for love and work for siller. Lovely Arran maid. O'er the muir amang the heather. Maclean's welcome. *Glasgow* [182–?] 8 p. 16°.

Thomson (George). A select collection of... Scottish airs for the voice. With...symphonies and accompaniments for the piano forte, violin and violincello by Pleyel, Kozeluch and Haydn. With ...verses, both Scottish and English, adapted to the airs, including upwards of 100 new songs by Burns. *London: T. Preston* [1803–05]. 4 v. f°.

—— —— *London* [1803–18]. 5 v. in 3. port., pl. f°.

—— Thomson's collection of the songs of Burns, Sir Walter Scott, and other...poets, united to... melodies of Scotland...with symphonies and accompaniments for the pianoforte by Pleyel, Haydn, Beethoven, etc. *London*, 1822–25. 6 v. in 2. nar. 4°.

Three excellent songs. Bonny Barbara Allan. Sir Patrick Spence. Lord John's murder. *Glasgow* [182–?] 8 p. 16°.

Three famous new songs called Effects of whisky. The valley below. Larry O'Gaff. *Paisley: G. Caldwell* [1820?]. 8 p. 16°.

Tragical (The) history of Gill Morice, an ancient ballad. *Glasgow* [182–?] 8 p. 16°.

Tullochgorum, to which is added The Highland plaid, Hallow fair. [Songs.] *Glasgow: R. Hutchison*, 1823. 8 p. 16°.

Scotch, cont'd.

Two favourite ballads. The babes in the wood. Lord Gregory. *Glasgow* [182–?] 8 p. 16°.

Twa (The) weavers. The minstrel boy. Canadian boat song. Gaily still the moments roll. Tho' you leave me now in sorrow. The year that's awa'. I gaed a waefu' gate yestreen. Rule Britannia. [Songs.] *Glasgow* [1825?] 8 p. 16°.

'Twas on the morn of sweet May Day. To which are added, Lovely Jean. Haluket Meg. Blythe, blythe, an' merry are we. [Songs.] *Glasgow: J. Neil*, 1829. 8 p. 16°.

Twine weel the plaiden. Beadle of the parish. O, Jeanie there's naething to fear ye. The Irish fisherman. Meeting of the waters. The deer hunter. Native land. [Songs.] *Glasgow* [1820?] 8 p. 16°.

Two favourite songs. Sheriff-muir. The bonny boatman. *Glasgow* [182–?] 8 p. 16°.

Village (The) sexton, to which is added, The boatie rows, The days o' lang syne, The lass o' Gowrie, We're a'noddin'. [Songs.] *Glasgow: R. Hutchison*, 1823. 8 p. 16°.

Watty's travels to Carlisle, in search of a place. To which are added: Will ye go to the Trosachs, Blue Bonnets over the border, Down the burn Davie. *Paisley: G. Caldwell*, 1826. 8 pp. 16°.

Whistle-binkie; a collection of songs for the social circle. *Glasgow: D. Robertson* [1842–] 1846. xxxii, 127, 127, 128, 128, xv, 128, 1 port. 24°.

Consists of series 1–5 of "Whistle-binkie; or, The piper of the party," each with a separate title-page, a collection of nursery songs at the end, and, covering all, the above title-page. Series 1 edited by J. D. Carrick, others by A. Rodger.

Whitelaw (Alexander). The book of Scottish song; collected and illustrated with historical and critical notices. *London: Blackie & Son*, 1845. engr. t.-p., 2 p.l., xliii, 696 p., 1 l., 1 pl. 16°.

Wilson (Alexander). Rab and Ringan. A tale. To which is added, Verses, occasioned by seeing two men sawing... in defiance of a furious storm. *Paisley: G. Caldwell*, 1827. 8 p. 16°.

Wilson (Dr. John). The Folk music of Scotland. (Musical Standard. v. 21. No. 523, pp. 22–23. *London*, 1904.)

Wonderful (The) advantages of drunkenness; to which is added, Protest against whisky. *Paisley: G. Caldwell*, 1828. 8 p. 16°.

Woodpecker (The); to which are added, Maggy Lauther. Flowers of the forest. The lover's chain. [Songs.] *Stirling: W. Macnie* [1820?] 8 p. 16°.

Year (The) that's awa. Waes me for Prince Charlie. A man without a wife. Blythe, blythe, an' merry are we. The Irish farmer. Kelvin grove. The dashing white sergeant. [Songs.] *Glasgow*, 1829. 8 p. 16°.

Servian.

Cerny (A.) Mythiske bytosce tuziskich. *Serbow: Budysin*, 1893–98. 2 v. 8°.

Curcin (Milan). *Das serbische Volkslied in der deutschen Literatur. Wien. *Leipzig: G. Fock*, 1905. 2 p.l., 220 p. 8°.

Hornik (M.) Delnjoserbske ludowe pesnje. Z rukopisneje zberski B. Markusa... *Bautzen: M. Hornik*, 1882. 63 p. 8°.

Istria (Doria d'). La nationalité serbe d'après les chants populaires. Vouk Stephanovitch Karadjitch, Poesies nationales, Proverbes et Contes populaires serbes. (Revue des deux Mondes. 35. année, 2. période, v. 55, pp. 315–360.)

Karadzhich (V.) Srpske narodne pjesme... *Beograd*, 1891–'96. 4 vols. 8°.

Karadzhich (V. S.) Narodne srpske pjesme-skupio i na svijet izdao V. S. K... *Leipzig: Breitkopf & Hertel*, 1823–'24 (3 vol.); *Vienna: F. Volke*, 1843 (v. 4). 4 v. 12°.

Koenigssohn (Der) Marko. (Kraljevic Marko) im serbischen Volksgesang. Deutsch von K. Groeber... *Wien: A. Hölder*, 1883. 2 p.l., 265 p., 1 l., 1 pl. 16°.

M. (B.) Srpske narodne pesme. *Panchevo: Nakladom Khizhare Brate Jovanovicha*, 1875. 151 p. 12°.

Muka (Ernst). Hornjoserbske ludowe pesnje. *Bautzen (Budissin): E. M. Monse*, 1887. 11 p. 8°.

Murko (Matthias). Eine Jacob Grimm fälschlich zugeschriebene Rezension serbischer Volkslieder. (Euphorion. v. 11, pp. 106–120. *Leipzig*, 1904.)

Volkslieder der Serben. Metrisch übersetzt und historisch eingeleitet von Talvj [*i.e.* Mrs. T. A. L. v. J. Robinson]. *Leipzig: F. A. Brockhaus*, 1853. 2 v. New ed. 16°.

Sicilian.

See Italian *above.*

Slavonic.

See also Bulgarian, Polish, Russian and Ruthenian; Servian, Slovenian.

Canti del popolo slavo tradotti in versi italiani con illustrazioni sulla letteratura e sui costumi slavi per G. Chiudina. *Firenze: M. Cellini e C.*, 1878. 2 v. 12°.

Cenova (Florjan). Sbjor pjesnj svjatovih, które lud slovjanjskj v królestvje pruskjm spjevacj lubj. *Swieca (Schwetz) on the Vistula: J. Hauffe*, 1878. 96 p. 12°.

Wenzig (Joseph). Slawische Volkslieder übersetzt von J. Wenzig. *Halle: Rengersche Buchhandlung*, 1830. xxx, 244 p., 1 l. 16°.

Slovenian.

Kacica Miosica (Andrije). Razgovor ugodni naroda Slovinskoga. *Zagreb: Hartman*, 1875. 772 p. 24°.

Kuhac (Fr. S.) Juzno-Slovjenske narodne popievke... (Chansons nationales des Slaves du sud.)... *Zagreb: C. Albrecht*, 1883. 4 vols. 8°.

Scheinigg (J.) Narodne pesni koroskih Slovencey. *Ljubljana: Kleinmayr & Fed. Bamberg*, 1889. 463 p. 24°.

Strekelj (Karol). Slovenske Narodne Pesmi... *Ljubljana: R. Milic*, 1895–1900. 2 v. 8°.

Spanish.

See also Catalan.

Ballesteros (José Perez). Cancionero popular gallego, y en particular de la provincia de la

Spanish, cont'd.

Coruña...(Biblioteca de las tradiciones populares espanolas...*Madrid*, 1885–1886. 12°. v. 7, 9, 11.)

Balmont (K.) Ispanskiya narodnyya pyesni. (Zhizn, v. 5. pp. 245–250. *St. Petersburg*, 1900.)

Doporto (Severiano). Cancionero popular turolense ó colección de canciones y estribillos recogidos de boca del pueblo en la ciudad de Teruel. (Revista critica de hist. y lit. españolas, portuguesas, y hispano-americanas. año 6, (1901) suppl. pp. 1–xlvi, 1–140. *Madrid*, 1901.)

History of Charles the Great and Orlando, ascribed to Abp. Turpin; trans. from the Latin in Spanheim's lives of ecclesiastical writers. Together with the most celebrated ancient Spanish ballads relating to the twelve peers of France, mentioned in Don Quixote; with Eng. metrical versions, by T. Rodd. *London*, 1812. 2 v. 12°.

Huntington (Helen). Folk songs from the Spanish. *New York: G. P. Putnam's Sons*, 1900. xiv, 1 l., 75 p. 12°.

Michaud (Gustave). The popular songs of Spain. (Bookman. v. 14, pp. 162–167. *New York*, 1901.)

Nueva relacion de un hombre jugador y maldiciente, que, en castigo de su perversidad, tuvo que llevar al maligno espiritu acuestas por espacio de dos años, con lo demas que verá el lector. [*Madrid*, 18—?] 2 l. 8°.

Olmeda (Federico). Folk-lore de Castilla; ó, Cancionero popular de Burgos... *Sevilla: M. Auxiliadora*, 1903. 217 p., 1 l. sq. 4°.

Pedrel (F.) Folk-lore musical castillan du xvie siècle. (Sammelbände der Internationalen Musik-Gesellschaft. v. 1, pp. 372–400. *Leipzig*, 1899–1900.)

—— Note sur la chanson populaire espagnole et sur les documents relatifs au folk-lore espagnol, (Revue Musicale. v. 5, no. 5, pp. 142–146. *Paris*, 1905.)

Popular songs of Spain. (The Musical Standard. v. 16, pp. 293–294. *London*, 1904.)

No music.

Puyol y Alonso (Julio). Cantos populares leoneses. (Rev. hispanique. v. 12, pp. 250–258. *New York*, 1905.)

Sanchez (T. A.) Poetas castellanos anteriores al siglo 15. (Bibl. de aut. espñ., v. 57). *Madrid*, 1864. nar. 4°.

Wolf (Ferdinand Joseph). Beiträge zur spanischen Volkspoesie aus den Werken Fernan Caballero's. (Kais. Akad. d. Wissensch. Philos.-Hist. Cl. Sitzungsb. Bd. 31, pp. 133–218. *Wien*, 1859. 8°.)

Spanish America.

Pérez de Guzmán (Juan). Los Himnos nacionales de la América española. (España moderna. v. 169, pp. 116–144. *Madrid*, 1903.)

Pidal (Ramon Menéndez). Los romances tradicionales en América. (Cultura española. no. 1 (Feb., 1906), pp. 72–111. *Madrid*, 1906.)

Swedish.

See also Scandinavian *above.*

Ahlström (J. M.) Walda svenska Folksanger, Folkdansar, och Folklékar, utgifna af J. N. Ahlström och P. C. Boman, med accompagnement af pianoforte och med svensk och tysk text. *Stockholm: A. Hirsch* [18—]. v. p. f°.

Altschwedische Balladen, Mährchen und Schwänke sammt einigen dänischen Volksliedern übersetzt von G. Mohnike. *Stuttgart: J. G. Cotta*, 1836. xvi, 302 p., 1 l. 16°.

Arwidsson (A. I.) Svenska Fornsånger. En Samling af Kämpavisor, Folkvisor, Lekar och Dansar. *Stockholm*, 1834. 3 v. 8°.

Bellman (Carl Michael). Fredmans Sange, i Udvalg; oversatte af M. Petersen. *Köbenhavn: C. Corneliussen*, 1902. 40 p. 2. ed. 12°.

Bondeson (August). A. Bondeson's visbok. Folkets visor sådana de lefva och sjungas ännu i vår tid. *Stockholm: A. Bonnier* [1901?]. 1 p.l., 192 p. 16°.

Collection (A) [of] Swedish national music, containing the most beautiful Folk-songs and dances, for piano (with Swedish, English and German words). *Stockholm: A. Lundquist* [1890?]. 35 p. f°.

The title-page is in English, German, and Swedish.
Extra set of words inserted.

Dahlgren (Carl Fredrik). Ångbåts-sånger. *Stockholm*, 1837. 12°.

Dybeck (R.) Svenska Vallvisor och Hornlåtar, med Norska Artförändringar. *Stockholm: J. L. Brudin*, 1846. 8 p.l., 49 p. 8°.

Fehr (Isak). * Studier i frihetstidens vitterhet. Den politiska visan jämte meddelanden om censuren och utländsk literatur i Sverige. *Upsala: R. Almqvist & J. Wiksell*, 1883. 98 p. 8°.

Jenny (The) Lind melodist, containing the Swedish ballads, melodies, and operatic gems as sung by Mad'lle Jenny Lind. *New York: W. H. Murphy* [185–]. 36 l. 16°.

Lekstugan. Gamla svenska folkdansar sådana de upptagits inom Sällskapet Svenska Folkdansens Vänner i Stockholm. *Stockholm: Abraham Hirschs Förlag* [1907]. 27 (l), 31 p. 2. samlingen. 4°.

Mankell (Abraham). Sveriges tonkonst och melodiska national-dikt. *Stockholm*, 1853. 16°.

Stahl (Axel Ivar). Äldre och nyare svenska folkvisor (ord och musik). Utgifna af A. I. Ståhl. 1. samlingen. *Stockholm: P. J. Meyer*, 1855. 8°.

—— Vald samling af 700 svenska sångstycken. utgifven af A. I. Ståhl. *Stockholm: P. A. Huldberg* [1884?]. 4 p.l., 678 p. New ed. 32°.

Svenska Folkböcker. Sagor, Legender och Äfventyr. *Stockholm*, 1845–48. 2 v.

Svenska folkvisor från forntiden, samlade och utgifne af Er. Gust. Geijer och Arv. Aug. Afzelius. [3. delen med öfversättningar af motsvarande skottska folksånger. *Stockholm: Strinnholm & Häggström*, 1814–16. 3 v. 12°.

Sveriges Storloge. I. O. G. T. Sånger för nykterhetsmöten. *Stockholm*, 1904. 128 p. 24°.

Swedish Folk Dances as adopted by the society "The Friends of Swedish Folk Dances" in Stockholm. Translated by Nils W. Bergquist, Instructor in Physical Training, Public Schools, Richmond Borough, New York City. [*Tompkinsville*, 1907.] 78 p. 12°.

Thunman (Herman). 50 Svenska Folkmelodier satta för piano af H. Thunman. *Stockholm: Elkan & Schildknecht* [18—]. 27 p. f°.

Swiss.

Ancienne chanson patoise de la Fête des Vignerons. Publiée par M. W. Robert. (Schweizerisches Archiv für Volkskunde. *Zürich*, 1898. 8°. Jahrg. 2, pp. 234-239.)

Blümml (E. K.) Volkslieder aus der Schweiz. (Schweiz. Archiv f. Volkskunde. Jahrg. 10. pp. 152–191. *Basel*, 1906.)

Chansons valaisannes. Publiées par Mme. Ceresole de Loës. (Schweiz. Archiv f. Volkskunde. Jahrg. 4, pp. 309–320. *Zürich*, 1900.)

Du Vässelin (G. A.) Chansons valaisannes. *Paris: G. Ondet*, 1901. 85 p., 1 l. 12°.

Flugi (Alfons von). Die Volkslieder des Engadin. Nebst einem Anhange engadinischer Volkslieder. *Strassburg: K. J. Trübner*, 1873. iv, 86 p. 12°.

Heim (Ignaz). Neue Volksänge für den Männerchor. Herausgegeben unter Mitwirkung deutscher und schweizerischer Tonsetzer von I. Heim. Bd. 1. *Zürich: Der Herausgeber*, 1866. 2. ed. 16°.

Marriage (M. E.), *and* John Meier. Volkslieder aus dem Kanton Bern. (Schweiz. Archiv f. Volkskunde. Jahrg. 5, pp. 1–47. *Zürich*, 1901.)

Meyer von Knonau (Gerold). Die schweizerischen historischen Volkslieder des 15. Jahrhunderts; Vortrag...; mit einem Anhange: fünf historische Lieder der karolingischen Epoche in deutscher Uebersetzung. *Zürich*, 1870. ix, 70 p. 8°.

Rossat (Arthur). La chanson du guet de nuit dans le Jura catholique. (Schweiz. Archiv f. Volkskunde. Jahrg. 10, pp. 135–143. *Basel*, 1906.)

—— Chants patois jurassiens. (Schweizerisch. Archiv f. Volkskunde. Jahrg. 3, pp. 257–290; Jahrg. 4, pp. 133–166; Jahrg. 5, pp. 81–112; 201–227; Jahrg. 6, pp. 161–183; 257–280; Jahrg. 7, pp. 81–101; 241–268. *Zürich*, 1899–1903.)

Wyss (J. R.) Texte des Ranz-des-Vaches. 12°. *Berne*, 1826.

—— Texte zu der Sammlung von Schweizer-Kühneigen und Volksliedern. 4. Ausgabe. *Bern*, 1826. 16°.

Words only.
Another title-page in French. Text partly in French.

Zweifel (B.) Schweizer Liederfreund. 150 Liedertexte bekannter u. beliebter Gesänge für Männerchöre, ausgewählt und herausgegeben von B. Zweifel. *St. Gallen: Zweifel-Weber*, 1898. viii, 98 p. 16°.

Syrian.

Huxley (Henry Minor). Syrian songs, proverbs and stories: collected, translated and annotated by H. M. H. (Amer. Orient. Soc. Journ. v. 23, pt. 2, pp. 175–288. *New Haven*, 1902.)

Tamil.

See Indian (East).

Tibetan.

Francke (A. H.) The eighteen songs of the Bonona festival. (Bono-nayi Lu Athrungsh.) (Indian Antiquary. v. 34, pp. 93–110. 1 map, 1 pl. *Bombay*, 1905.)

Franke (H.) Zum Ladäker Volkslied. (Globus. v. 75, pp. 238–242. *Braunschweig*, 1899.)

Hanlon (*Rev.* H.) The folk-songs of Ladak and Baltistan. (Transactions of the Ninth Internat. Congress of Orientalists. v. 2, p. 613–635. *London*, 1893.)

O'Connor (W. F.) Folk tales from Tibet. With illustrations by a Tibetan artist and some verses from Tibetan love-songs. Collected and translated by Capt. W. F. O'Connor... *London: Hurst & Blackett*, 1906. viii, 2 l., 176 p., 13 pl. 8°.

Tripolitan.

See Arabic *above*.

Tuareg.

Rimbaud ( ). Le chant chez les Imouhar. (Soc. géog. de Alger. & de l'Afrique du nord. Bull. année 7, pp. 532–543. *Alger*, 1902.)

Tunisian.

See Arabic *above*.

Turkish.

Kunos (Ignace). Chansons populaires Turques. (Deutsche morganländ. Gesellsch. Ztsch. v. 53, pp. 233–255. *Leipzig*, 1899.)

—— Türkische Volkslieder. (Vienna Orient. Jour. v. 2, pp. 319–324; v. 3, pp. 69–76; v. 4, pp. 35–42. *Vienna*, 1888–90.)

Littmann (Enno). Türkische Volkslieder aus Kleinasien. (Deutsche morgenländ. Gesellsch. Ztsch. v. 53, pp. 351–363. *Leipzig*, 1899.)

Luschan (Felix von). Einige türkische Volkslieder aus Nordsyrien und die Bedeutung phonographischer Aufnahmen für die Völkerkunde. (Ztsch. f. Ethnologie. v. 36, pp. 177–202. *Berlin*, 1904.)

Tuerkische Volkslieder. Nach Aufzeichnungen von Schahen Effendi Alan hrsg. von Dr. Maximilian Bittner. (Vienna Oriental Jour. v. 10, pp. 41–54; v. 11, pp. 357–373. *Vienna*, 1896–7.)

Wolkan (R.) Zu den Türkenliedern des XVI. Jahrhunderts. (In: Festschrift zum VIII allgemeinen deutschen Neuphilologentage in Wien, Pfingsten 1898. *Wien*, 1898. 4°. pp. 65–77.)

United States.

A (W.) Original Clay songs: humorous and sentimental, designed to...advocate the claims of Henry Clay to the highest honors his country can bestow. *Philomath, Ind.* [1842] 16 p. 16°.

Abecco (Raffaell). Sig'r R. Abecco's sentimental songster. Eureka theatre, San Francisco. *San Francisco: D. E. Appleton & Co.*, 1864. 60 p. 24°.

Allan (Francis D.) Allan's Lone Star ballads. A collection of Southern patriotic songs made during Confederate times. *Galveston, Texas: J. D. Sawyer*, 1874. 200 p. sq. 24°.

Allin (A.), *pseud. of* Mrs. A. A. Curtis. Home ballads: a book for New Englanders, in three parts. *Boston: J. Munroe & Co.*, 1851. 238 p. 16°.

American patriotic songs, a carefully selected collection of the best and most popular American national lyrics, words and music complete. *Boston: Oliver Ditson Co.*, cop. 1893. 88 p. nar. 4°.

United States, cont'd.

Backus (Emma M.) Early songs from North Carolina. (Jour. of Amer. Folk-Lore. v. 14, pp. 286–294. *Boston*, 1901.)

Ballads and poems relating to the Burgoyne campaign. Annotated by W. L. Stone. *Albany, N. Y.: J. Munsell's Sons*, 1893. 12, 359 p. sq. 8°. (Munsell's Historical series, no. 20.)

[**Barney** (S. E.)] Songs of the Revolution: a paper read before the General David Humphrey Branch of the Connecticut society of the Sons of the American Revolution. *New Haven* [1893] 45 p., 1 port. 8°.

Barry (Phillips). The ballad of Lord Randal in New England. (Jour. Amer. Folk-Lore. v. 16, pp. 258–264. *Boston*, 1903.)

—— Some traditional songs. [An account of four songs printed by the Allens of Medfield, Mass., in whose family they have been traditional for generations.] (Jour. of Amer. Folk-Lore. v. 18, pp. 49–59. *Boston*, 1905.)

—— Traditional ballads in New England. (Jour. Amer. Folk-Lore. v. 18, pp. 123–138; 191–214. *Boston*, 1905.)

Beadle's dime song book. no. 11. *New York: Beadle & Co.* [cop. 1863.] 16°.

Beadle's dime songs for the war. *New York: Beadle & Co.* [cop. 1861.] 40 p. 24°.

Bugle-echoes: a collection of poems of the civil war, northern and southern. Edited by F. F. Browne. *New York: White, Stokes & Allen*, 1886. x, 1 l., 13–336 p. 12°.

California songster... A selection of local and other popular songs; giving a...sketch of the ups and downs of a California life...Compiled and arranged by D. E. Appleton. *San Francisco: Noisy Carriers Book and Stationery Co.*, 1855. vi, 7–56 p. 24°.

The "**Champagne** Charlie" and "Coal Oil Tommy" songster. *San Francisco: D. E. Appleton & Co.*, 1868. iv, 5–64 p. 24°.

[**Collection** of about 1200 ballads mounted in four scrap-books. 1850–73.] ob. 4°.

Collection (A) of Dixies [edited by] The United Daughters of the Confederacy. *n.t.-p.* [*Opelika, Ala.*, 1905.] 11 p. 4°.

Connolly (Charles Cashel). Songs of the Celt. *Baltimore: J. Murphy & Co.*, 1888. 416 p. 12°.

Conroy (John). Conroy's Grand Duke opera house songster...*New York: the Author*, 1875. 64 p. 16°.

Cotton (Benjamin). Ben Cotton's own songster. Number 2: being his second series of melodies. *San Francisco: D. E. Appleton & Co.*, 1864. 64 p. 24°.

Cowan (Frank). Southwestern Pennsylvania in song and story. With notes and illustrations. With an appendix: The battle ballads and other poems of southwestern Pennsylvania. *Greensburg, Pa.: the Author*, 1878. vii, 9–424 p. 12°.

De Lee Ree (P.) The American Republican songster, composed and arranged...for the American Republican Party. *New York: Office New York Citizen*, 1844. 24 p. 12°.

Drake (Joseph Rodman). The American flag [illustrated...by F. O. C. Darley...music from Bellini, by G. Danskin]. *New York: J. G. Gregory*, 1861. 6 l. 4°.
Title from cover.

Dyer (Sidney). Songs and ballads. *New York: Sheldon, Blakeman & Co.*, 1857. xv, 298 p., 1 port. 12°.

Eggleston (George Cary). American war ballads and lyrics: a collection of the songs and ballads of the colonial wars, the Revolution, the war of 1812–15, the war with Mexico, and the Civil War. *New York: G. P. Putnam's Sons* [cop. 1889]. 2 v. sq. 24°. (Knickerbocker nuggets.)

Feast (The) of wit, or, Frolic of laughter; containing the most admired anecdotes and songs. By Comus, the god of laughter. *Philadelphia: E. T. Scott*, 1821. iv, 5–144 p. 24°.

Freedman's (The) bureau book of songs. *New York: Hilton & Co.*, n. d. 1 p.l., 49–110 p. 16°.

Granite (The) songster; comprising the songs of the Hutchinson family; without the music. *Boston: A. B. Hutchinson*, 1847. 69 p. nar. 12°.

Grant (The) campaign songster...*New York: R. M. DeWitt* [cop. 1868]. iv, 5–71 p. 16°.

Green (Samuel Abbott). Doggerel ballads and some social distinctions at Harvard college. [*Boston*, 1894?] 6 p. 8°.

Grigg's Southern and Western songster; being a choice collection of the most fashionable songs, many of which are original. new ed. *Philadelphia: Grigg & Elliot*, 1835. 1 p.l., vii–xviii, 19–324 p. 24°.

Hale (Edward Everett). Ben Franklin's ballads. (New Eng. Maga. *Boston*, 1898. v. 18, pp. 505–507. 8°.)

Hamilton Democratic Glee Club songster. *Hamilton, O.: Democrat Job Rooms*, 1884. 1 p.l., 36 p. 8°.

Home ballads by our home poets. *New York: Bunce & Huntington*, 1865. 90 p., 4 pl. 16°.
Wanting: pp. 19–30, 75–78, and final pages.

Horn (Charles Edward). Near the lake, where dropped the willow. The popular southern refrain.. The words by George P. Morris. Harmonized for three voices by Ch. E. Horn. *New York: Hewitt & Jaques*, cop. 1839. 6 p. f°.

Hulbert (F. Randolph). Wandering strains from the lyre of the North. A collection of songs and ballads. *New York: C. C. Childs*, 1850. 52 p. 8°.

The **Hutchinson** family's book of poetry; containing sixty-seven of their most popular songs. *Boston: S. Chism*, 1858. 3–69 p. 12°.

Hutchinson's Republican songster, for the campaign of 1860... *New York: O. Hutchinson*, 1860. iv, 5–72. 24°.

Isaac Abbott, a ballad of Hartford, North America, with the original air, and illustrated by E. P. C[ranch]. *Cincinnati: Robert Clarke & Co.*, 1886. 27 l. sq. 8°.

John Brown, and "The union right or wrong" songster: containing all the celebrated "John Brown" and "Union songs."... *San Francisco: D. E. Appleton & Co.*, 1863. iv, 5–64 p. 24°.

United States, cont'd.

Johnson's new comic songs. No. 2. *San Francisco: D. E. Appleton & Co.*, 1863. iv, 5–56 p. 2. ed. 24°.

Johnson's original comic songs: No. 3. *San Francisco: D. E. Appleton & Co.*, 1864. 64 pp. 24°.

Darkow (Martin). Stephen C. Foster und das amerikanische Volkslied. (Die Musik, v. 4, Heft 16, pp. 268–280. *Berlin*, 1904.)

Krehbiel (Henry Edward). Southern song games. Articles No. 1–2. (1) How Florida "crackers" dance without offence to their religious notions—Kissing games at Royal Courts and in rural communities. (2) Contributions from Washington and New Orleans, Melody and variants of "The needle's eye." 8°.

Clippings from The New York Daily Tribune, Sunday, July 27, and Aug. 3, 1902.

List of songs. No. 1[–3] Containing a Variety of One Hundred different kinds. *New York: Andrews, printer*, 38 *Chatham St.* [1858?] 256 broadsides bound in 1 v. 8°.

Little Mac (The) Songster, containing a splendid collection of entirely new and original, patriotic, convivial, comic, gay and rollicking camp songs. Interspersed with comic stump speeches, recitations and bits of camp wit... *New York: Dick & Fitzgerald* [cop. 1862]. 72 pp. 16°.

Log cabin song book. *New York*, 1840. port. pl. 12°.

McCallum (D. C.) Soldiers marching song "Our country and our home." Air—"John Brown." *n. t.-p. n.p.* [186–?] 2 l. 12°.

M'Carty (William). National songs, ballads, and other patriotic poetry, chiefly relating to the war of 1846. Compiled by W. M'Carty. *Philadelphia: The compiler*, 1846. 144 p. 16°.

McCarty (William). Songs, odes, and other poems, on national subjects; compiled from various sources. pt. 1, 3. *Philadelphia: W. McCarty*, 1842. 16°.

Mason (*Miss* E. V.) The southern poems of the war. Collected and arranged by Miss E. V. Mason. *Baltimore: J. Murphy & Co.*, 1867. 456 p. 12°.

Miller and Freeman's comic clown songster. [*New York?* 189–?] 18 l. 16°.

Moore (Frank). Songs and ballads of the American Revolution, with notes and illustrations. *New York*, 1856. 12°.

Morris (G. P.) Songs and ballads. *New York*, 1852. 12°.

Nason (*Rev.* E.) A monogram on our national song. *Albany: J. Munsell*, 1869. 69 p. 8°.

Negro (The) minstrel: containing a choice selection of the most popular Negro songs. No. 1. *Glasgow*, 1850. 24 p. 16°.

New Haven (The) Whig Song Book, prepared for the New Haven County Mass Convention, Thursday, Oct. 8th, 1840. *New Haven: Whig Gen. Com.*, 1840. 21 pp. 12°.

Newell (William Wells). Early American ballads. (Jour. Amer. Folk-Lore, v. 12, pp. 241–254; v. 13, pp. 105–122. *Boston*, 1899–1900.)

Newell (William Wells). Games and songs of American children; collected and compared by N. *New York: Harper & Bros.*, 1884. xii, 242 p. 8°.

O'Connell (L.) Music in "Mayflower" days. (Musician, v. 11. No. 9. pp. 445–437. *Boston*, 1906.)

Offord (W.) Comic and sentimental song books, containing a... collection of rare and original songs... *Brooklyn, N. Y.: W. Offord* [1865]. 72 p. 16°.

Old-country ballads in Missouri. [Part of a collection made by students of the University of Missouri. Introduction by H. M. Belden.] (Jour. Amer. Folk-lore. v. 19, pp. 231–240. *Boston*, 1906.)

Put's golden songster... most popular collection of California songs ever published. By the author of "Put's original California songster." *San Francisco: D. E. Appleton & Co.* [cop., 1858.] 62 p. 24°.

Put's original California songster... detailing the hopes, trials, and joys of a miner's life. *San Francisco: D. E. Appleton & Co.*, 1868. vi, 7–32 p. 4. ed. 24°.

Raymond (George Lansing). Ballads of the Revolution, and other poems. *New York: G. P. Putnam's Sons*, 1887. 3 p.l., 3–194 p. 16°.

Republican (The) campaign songster: a collection of lyrics, original and selected, specially prepared for the friends of freedom in the campaign of fifty-six. *New York: Miller, Orton, aad Mulligan*, 1856. 108 p. 24°.

Rosewald (J. H.) The musician's leisure hour, facts and fancies of interest to the music lover... *Buffalo: C. W. Moulton*, 1895. viii, 9–260 p. 16°.

[**Songs** of the Civil war, and other songs and poems, mostly published in Boston.] 8 broadsides.

Songs for G. A. R. Day, Chautauqua, 1899. [*Chautauqua*, 1899.] broadside. ob. 8°.

[**Songs** (The) of "Jefferson and Liberty" and "Moll Carey," with history and notes. Compiled by J. P. Kirtland. *East Rockport, O.?* 1874?] 16 p. 8°.

Songs for the presidential campaign of 1888, respectfully inscribed to... B. Harrison and L. P. Morton. *n. t.-p.* [1888.] 4 p. 4°.

Spalding (John Lancaster), *bishop of Peoria*. Songs, chiefly from the German. *Chicago: A. C. McClurg & Co.*, 1896. 1 p.l., 215 p. 12°.

War lyrics and songs of the South. *London*, 1866. 16°.

War poets of the South and Confederate campfire songs. [*Atlanta, Ga.: C. P. Byrd*,] n. d. viii, 18–207 p., 2 pl. 12°.

Wharton (Henry Marvin). War songs and Poems of the Southern Confederacy, 1861–1865... Collected and retold with personal reminiscences of the war by H. M. Wharton... Illustrated. [*Philadelphia?* 1904.] 1 p.l., 421 p., 2 fac-sim., 30 pl., 14 port. 8°.

The **Whig** song book. *Columbus: I. N. Whiting* [1840]. 108 p. 24°.

Whig songs for 1844. 16 p. *New York: Greeley & McElrath* [1844]. 8°.

United States, cont'd.

Wreath (The); a collection of songs, from the most admired authors. *Philadelphia: E. Littell*, 1822. 192 p., 1 pl. 32°.

pp. 83–94 missing; clippings inserted.

Yankee Doodle. Illustrated by F. O. C. Darley. *n. t.-p. New York: Trent, Filmer & Co.* [18—?] 4 l. 4°.

Welsh.

Griffith (*Mrs.* Mary Owen). Welsh folk-music. (Soc. of Cymmrodorion. Transac. sess. 1897–'98. pp. 65–83. *London*, 1899.)

Gwilym Cyfeiliog, *pseud of* WILLIAM WILLIAMS. Caniadau cyfeiliog: sef gweithiau bardd-donol. *Drefnewydd: Stephens ac Edwards*, 1878. x, 156 p. nar. 12°.

Jones (Edward). Musical and poetical relicks of the Welsh bards... the national songs and airs ... with variations for the harp, pianoforte, violin or flute. A selection of the Pennillion, and Englynion...with English translations; and a history of the bards and druids ... A dissertation on the musical instruments of the ancient Britons. Fourth ed. with additions. *London: R. Rees*, 1825. 3 v. in 2. f°.

West Indian.

Edwards (Charles L.) Bahama songs and stories: a contribution to folk-lore. *Boston: The Amer. Folk-lore Soc.*, 1895. 1 p.l., x (2) 13–111 p., 4 pl. 8°. (Amer. Folk-lore Soc. Memoirs, v. 3.)

Walloon.

Jouret (Léon). Chansons du Pays d'Ath. Collection de 25 mélodies wallonnes. Recueillies et harmonisées par L. Jouret. Adaptations rhythmiques de G. Antheunis & G. Lagye. *Bruxelles: Schott Frères* [190–?]. 1 p.l., 86 p. 4°.

Ronchaine (Vincent). La lyre Wallonne. Recueil de romances, mélodies, chansons et chansonnettes inédites. Paroles de Joseph Schoenmakers ... Musique de V. R. Partition [vocale] avec... piano. *Liège: The author* [1898?]. 1 p.l., 41 p. 4°.

PRINCIPAL ACCESSIONS IN APRIL.

Bibliography.

Duff (Edward Gordon). The printers, stationers and bookbinders of Westminster and London from 1476 to 1535. *Cambridge: The University Press*, 1906. 6 p.l., 256 p., 7 pl. 12°.

Ficker (Johannes), *and* Otto Winckelmann. Handschriftenproben des sechzehnten Jahrhunderts nach Strassburger Originalen herausgegeben. Kleine Ausgabe. *Strassburg: Karl J. Trübner*, 1906. 1 p.l., ix p., 35 fac-sim. with explanatory text. f°.

Hitchcock (Frederick H.) The building of a book. A series of practical articles written by experts in the various departments of book making and distributing. With an introduction by Theodore L. De Vinne. Edited by F. H. Hitchcock. *New York: The Grafton Press* [1906]. xiii, 375 p., 1 fac-sim., 3 pl. 12°.

Jermain (Frances D. Page). In the path of the alphabet. An historical account of the ancient beginnings and evolution of the modern alphabet. *Fort Wayne, Ind.: W. D. Page*, 1906. 160 p., 1 pl., 1 port. illus. 8°.

Johnston (Edward). Writing & illuminating, & lettering. With diagrams & illustrations by the author & Noel Rooke. 8 pp. examples in red and black and 24 pp. of collotypes. *New York: The Macmillan Co.* [1906] xxxii, (1,) 34–509 p. 12°.

Lane (William Coolidge), *and* Nina E. Browne. A. L. A. portrait index. Index to portraits contained in printed books and periodicals. Compiled with the cooperation of many librarians and others for the Publishing Board of the American Library Association. Edited by W. C. Lane and N. E. Browne. [Published by the] Library of Congress. *Washington: Gov. Print. Office*, 1906. lxxv, 1601 p. 8°.

Schreiber (W. L.) Die Entstehung und Entwicklung der Biblia Pauperum unter besonderer Berücksichtigung der uns erhaltenen Handschriften. *Strassburg: J. H. E. Heitz* [1906]. 1 p.l., 45 p., 1 pl. illus. f°.

Severance (Henry Ormal). A guide to the current periodicals and serials of the United States and Canada, 1907. *Ann Arbor: G. Wahr*, 1907. 330 p. 4°.

Library Science.

Dana (John Cotton). Notes on bookbinding for libraries. *Chicago: Library Bureau*, 1906. 2 p.l., 7–114 p., 2 l., 1 pl. 12°.

Koch (Theodore Wesley). A portfolio of Carnegie libraries; being a separate issue of the illustrations from "A book of Carnegie libraries." *Ann Arbor, Michigan: G. Wahr*, 1907. 117 pl., 4 port. 8°.

General Works.

Nelson's encyclopædia. Everybody's book of reference, in 12 volumes, profusely illustrated. Editors-in-chief Frank Moore Colby...New York [and] George Sandeman...Edinburgh. *New York: Thomas Nelson & Sons* [1907]. 12 v. 8°.

Ottův slovnik naucny. Illustrovaná encyclopædie obecnych vedomostí. S...prilohami a...vyobrazeními v textu. *V Praze: J. Otto*, 1888–1906. 25 v. 8°.
Bohemian Encyclopædia.

Biography and Genealogy.

Individual.

Alphabetical by subjects.

Abbott family. Descendants of George Abbott, of Rowley, Mass., of his joint descendants with George Abbott, Sr., of Andover, Mass., of the descendants of Daniel Abbott, of Providence, R. I., [etc.]...with brief notes of many others of the name... By Lemuel Abijah Abbott. [*Boston:*] *The Compiler*, 1906. 2 v. ports. 8°.

Ardigo (Roberto). La vita e il pensiero di Roberto Ardigo. Con un indice dei soggetti delle "Opere filosofiche" e due ritratti. Per Giovanni Marchesini. *Milano: U. Hoepli*, 1907. xii, 388 p., 2 port. 12°.

Belgiojoso, Christina Trivulzio, Princess. A revolutionary princess Christina Belgiojoso-Trivulzio, her life and times, 1808–1811. By H. Remsen Whitehouse. *London: T. F. Unwin*, 1906. 317 (1) p., 5 pl., 19 port. 8°.

Brock (*Sir* Isaac). General Brock. By Lady Edgar. *Toronto: Morang & Co., Ltd.*, 1906. 6 p.l., 322 p., 1 port. 8°. (The Makers of Canada. v. 9.)

Burney family. The house in St. Martin's Street. Being chronicles of the Burney family. By Constance Hill. With Illustrations by Ellen G. Hill. *London: J. Lane*, 1907. xvi, 1 l., 366 p. illus. 8°.

Champlain. By N. E. Dionne. *Toronto: Morang & Co., Ltd.*, 1906. 5 p.l., xiii–xviii, 299 p., 1 port. 8°. (The Makers of Canada. v. 1.)

Colden (Cadwallader). Cadwallader Colden, a representative eighteenth century official. By Alice Mapelsden Keys. *New York: The Columbia Univ. Press*, 1906. xiv, 1 l., 375 p. 8°.

Dalton (John). John Dalton. By J. P. Millington. *London: J. M. Dent & Co.*, 1906. xii, 225 p., 1 port. 12°. (English men of science.)

Douglass (Frederick). Frederick Douglass. By Booker T. Washington. *Philadelphia: G. W. Jacobs & Co.* [1907] 365 p., 1 port. 12°. (American crisis biographies.)

Elgin and Kincardine (8. *earl*), James Bruce. Lord Elgin. By Sir John George Bourinot. *Toronto: Morang & Co., Ltd.*, 1906. 5 p.l., 276 p., 1 port. 8°. (The Makers of Canada. v. 16.)

Fosdick family, the Oyster Bay branch, 1583–1891. A record of the ancestry and descendants of

Samuel Fosdick, 3d, of Oyster Bay, L. I. By Lewis L. Fosdick. [*Jamaica, L. I.,?*] *printed for private distribution only*, 1891. 137 p., 1 l., 3 port. 8°.

FRANCIS, Saint, *of Assisi*. Saint Francis of Assisi. *New York: Thomas Y. Crowell & Co.*, 1906. 3 p.l., 37 (1) p., 5 pl. 12°.

GODKIN (Edwin Lawrence). Life and letters of Edwin Lawrence Godkin. Edited by Rollo Ogden, with portraits. *New York: The Macmillan Co.*, 1907. 2 v. port. 8°.

GRATTAN (Henry). Henry Grattan. Being the Gladstone prize essay in the University of Oxford, 1902. By Percy M. Roxby. With frontispiece portrait. *London: T. Fisher Unwin*, 1902. x, 3 l., 176 p., 1 port. 12°. (The New Irish library.)

HAMILTON (Arthur). Memoirs of Arthur Hamilton of Trinity College, Cambridge. Extracted from his letters and diaries with reminiscences of his conversation by his friend Christopher Carr of the same college. By Arthur Christopher Benson. *New York: M. Kennerley*, 1907. viii, 186 p. 12°.

JONES (Samuel Milton). Golden Rule Jones, Mayor of Toledo. By Ernest Howard Crosby. *Chicago: The Public Publishing Co.* [1906] 62 p., 1 port. 16°.

LEISEWITZ (Johann Anton). Briefe an seine Braut, nach den Handschriften herausgegeben von Heinrich Mack. Mit fünf Beilagen. *Weimar: Gesellschaft der Bibliophilen*, 1906. 1 p.l., xxviii, 1 l., 244 p., 1 fac-sim., 1 pl., 2 port.

LINCOLN (Abraham). He knew Lincoln. By Ida M. Tarbell. *New York: McClure, Phillips & Co.*, 1907. 5 p.l., 39, (1) p. illus. 8°.

LONGFELLOW (Henry Wadsworth). Henry Wadsworth Longfellow. By Thomas Wentworth Higginson. *Boston: Houghton, Mifflin & Co.* [1902] 2 p.l., (1) iv–vi, 336 p., 1 l., 1 port. 12°.

MAUPASSANT (Guy de). La vie et l'œuvre de Guy de Maupassant. Par Edouard Maynial. *Paris: Société du Mercure de France*, 1906. 3 p.l., (1) 8–299 (1) p. 3. ed. 12°.

WOLFE and Montcalm. By Abbé Casgrain. *Toronto: Morang & Co., Ltd.*, 1906. 4 p.l., xiii–xxviii, 296 p., 1 port. 8°. (The Makers of Canada. v. 4.)

MUDD (Samuel A.) The life of Dr. Samuel A. Mudd, containing his letters from Fort Jefferson, Dry Tortugas Island, where he was imprisoned four years for alleged complicity in the assassination of Abraham Lincoln... Edited by his daughter Nettie Mudd. With preface by D. Eldridge Monroe. *New York: The Neale Pubg. Co.*, 1906. 326 p., 5 port. 8°.

NOBLET family. Genealogical collections relating to the families of Noblet... with some particular account of William Noblit... Compiled by John Hyndman Noblit. [*Philadelphia :*] *Ferris & Leach*, 1906. 400 p., 1 l., 9 fac-sim., 2 pl. 8°.

PARNELL family. A patriot's mistake, being personal recollections of the Parnell family. By a daughter of the house, Emily Monroe Dickinson. *Dublin : Hodges Figgis & Co.*, 1905. 2 p.l., vii–xv, 243 p., 4 pl., 4 port. 8°.

PATRICK, Saint. The life and writings of St. Patrick; with appendices, etc. By Archbishop Healy. *Dublin : M. H. Gill & Son, Ltd.*, 1905. xi, 754 p., 1 port., 1 map. 8°.

POLLAIUOLO (Antonio). Antonio Pollaiuolo. By Maud Cruttwell. *London : Duckworth & Co.*, 1907. xvi, 286 p., 43 pl., 8 port. 12°.

RÉCAMIER, Madame. Madame Récamier. From the French of Edouard Herriot by Alys Hallard. *London: W. Heinemann*, 1906. 2 v. port 8°.

RODIN (August). The life and work of August Rodin. By Frederick Lawton. *London : T. F. Unwin*, 1906. xi, 307 (1) p., 48 pl., 26 port. 8°.

ROOSEVELT (Theodore). The many-sided Roosevelt. An anecdotal biography. By George William Douglas. *New York : Dodd, Mead & Co.*, 1907. ix, 1 l., 272 p., 1 port. 12°.

SCHOPENHAUER. Seine Persönlichkeit in seinen Werken ... mit einer Einleitung von S. Friedländer. *Stuttgart : R. Lutz* [1907]. 2 v. 16°. (Aus der Gedankenwelt grosser Geister. Bd. 5–6.)

MACKENZIE, Selkirk, Simpson. By George Bryce. *Toronto : Morang & Co., Ltd.*, 1906. 5 p.l., 305 p., 1 port. 8°. (The Makers of Canada. v. 8.)

SMITH (John Raphael). An eighteenth century artist and engraver John Raphael Smith. His life and works. By Julia Frankau. *London : Macmillan & Co., Ltd.*, 1902. 2 v. 4° and f°.

STEINLE (Eduard von). Ed. v. Steinle. Eine Charakteristik seiner Persönlichkeit und Kunst. *Mainz: Kirchheim* [1906]. 2 p.l., 95 (1) p., 2 pl., 1 port. 16°. (Kultur und Katholizismus. Bd. 3.)

THOMSON (James). James Thomson der Jüngere. Sein Leben und seine Werke. Von Josephine Weissel. *Wien: W. Braumüller*, 1906. vi, 1 l., 159 p. 8°. (Wiener Beiträge z. englischen Philologie. . v. 24.)

TODD (John M.) A sketch of the life of John M. Todd. (Sixty-two years in a barber shop), and reminiscences of his customers. Written by himself. *Portland: W. W. Roberts Co.*, 1906. vii, 322 p., 1 l., 2 port. 8°.

VARNUM family. The Varnums of Dracutt (in Massachusetts). A history of George Varnum, his son ... and their descendants. Compiled from family papers and official records... By John Marshall Varnum. *Boston : D. Clapp & Son*, 1907. vi, 1 l., 5–308 p., 5 diag., 4 fac-sim., 6 pl., 12 port. sq. 8°.

GENERAL HISTORY, TRAVEL, GEOGRAPHY.

Charcot (J. B.) Journal de l'expédition antarctique française. 1903–1905. Le "Français" au Pôle Sud. Préface par l'amiral Fournier. Suivi d'un exposé de quelques-uns des travaux scientifiques par... MM. Matha, Rey [and others]. *Paris: Ernest Flammarion* [1906]. 7 p.l., xxxvii, 486 (1) p., 1 map. illus. 4°.

Detlefsen (Detlef). Ursprung, Einrichtung und Bedeutung der Erdkarte Agrippas. *Berlin: Weidmann*, 1906. vi, 117 (1) p. 8°. (Quellen und Forschungen zur alten Geschichte und Geographie. Heft 13.)

Driesmans (Heinrich). Der Mensch der Urzeit. Kunde über Lebensweise, Sprache und Kultur des

vorgeschichtlichen Menschen in Europa und Asien. Mit... Tafeln und Textabbildungen. *Stuttgart: Strecker & Schröder*, 1907. xv (1), 1 l., (1), 4–198 p., 9 pl. illus. 8°.

Ibn Jubair (Muhammad ibn Ahmad). Ibn Gubayr (Ibn Giobeir) viaggio in Ispagna, Sicilia, Siria e Palestina, Mesopotamia, Arabia, Egitto, compiuto nel secolo xii. Prima traduzione, fatta sull' originale arabo da Celestino Schiaparelli. *Roma: Casa Editrice Italiana*, 1906. xxvii, 412 p. 8°.

Picot (Georges Marie René). Notices historiques. *Paris: Librairie Hachette et Cie.*, 1907. 2 v. 8°. (Études d'histoire contemporaine.)

Santarem (Manoel Francisco de Barros y Souza de), *visconde*. Algumas cartas ineditas do visconde de Santarem, com uma introducção e notas por Vicente Almeida d'Eça. *Lisboa: Typographia Universal*, 1906. 123 p., 2 l. 8°. (Sociedade de Geographia de Lisboa.)

Originally published in the "Boletim da Sociedade Geographia de Lisboa."

Spilbergen (Joris van), *and* J. Le Maire. The East and West Indian mirror, being an account of Joris van Speilbergen's voyage round the world (1614–1617), and the Australian navigations of Jacob Le Maire. Translated, with notes and introduction, by J. A. J. de Villiers. *London: The Hakluyt Society*, 1906. lxi, 3 l., 272, 40 p., facsim., 3 maps, 24 pl., 1 port. 8°. (Hakluyt Soc. Works issued by the Society. Ser. 2., no. 18.)

Voyage (The) of the "Scotia." Being the record of a voyage of exploration in Antarctic seas. By three of the staff. [*i. e.* R. N. Rudmose Brown, R. C. Mossman, and J. H. Harvey Pirie.] *Edinburgh: W. Blackwood & Sons*, 1906. xxiv, 375 p., 3 maps, 59 pl. 8°.

America.

Baldwin (Jeduthan). The revolutionary journal of Col. Jeduthan Baldwin, 1775–1778. Edited, with a memoir and notes, by Thomas Williams Baldwin. *Bangor: Printed for the De Burians*, 1906. lxiii, 164 p., 1 l., 3 fac-sim., 2 pl. sq. 8°.

Baumgartner (Andreas). Erinnerungen aus Amerika. *Zürich: O. Füssli* [1906?]. 221 p., 1 l. illus. 12°.

Meany (Edmond S.) Vancouver's discovery of Puget Sound. Portraits and biographies of the men honored in the naming of geographic features of Northwestern America. *New York: The Macmillan Co.*, 1907. xvii, 344 p., 1 chart, 3 maps, 13 pl., 23 port. 8°.

Winborne (Benjamin Brodie). The colonial and state political history of Hertford County, N. C. *Murfreesboro, N. C.: Edwards & Broughton*, 1906. 3 p.l. (1), 6–348 p., 4 pl., 16 ports. 8°.

Europe.

Aulard (Alphonse). Études et leçons sur la Révolution Français. *Paris: Félix Alcan*, 1907. 2 p.l., 308 p. 12°. (Bibliothèque d'histoire contemporaine. Série 5.)

Barker (J. Ellis), *pseud. of* O. Eltzbacher. The rise and decline of the Netherlands. A political and economic history and a study in practical statesmanship. *London: Smith, Elder & Co.*, 1906. xiv, 478 p. 8°.

Delbrueck (Johann Friedrich Gottfried). Die Jugend des Königs Friedrich Wilhelm IV. von Preussen und des Kaisers und Könige Wilhelm I. Tagebuch-blätter ihres Erziehers F. Delbrück (1800–1809) mitgeteilt von... Georg Schuster. Teil 1. *Berlin: A. Hoffman & Comp.*, 1907. illus. 8°. (Monumenta Germaniæ pædagogica. Schulordnungen, v. 36.)

Hohenlohe-Ingelfingen (Kraft Karl August Eduard Friedrich zu), *Prinz*. Aus meinem Leben. Aufzeichnungen des Prinzen Kraft zu Hohenlohe-Ingelfingen. [Edited by Arved v. Teichman und Logischen.] *Berlin: E. S. Mittler und Sohn*, 1897–1907. 4 v. 8°.

Séménoff (E.) The Russian government and the massacres. A page of the Russian counter-revolution...[Translated] from the French with an introduction by Lucien Wolf. *London: John Murray*, 1907. xxxvi, 265 p., 1 l. 12°.

Africa.

Bernard (Augustin), *and* N. Lacroix. L'évolution du nomadisme en Algérie. Ouvrage publié sous les auspices de M. C. Jonnart, gouverneur général de l'Algérie. *Alger: Adolphe Jourdan*, 1906. 4 p.l., xiii, 341 (1) p., 1 map. 4°.

Demontès (V.) Le peuple algérien. Essais de démographie algérienne. *Alger: Imprimerie Algérienne*, 1906. 619 p., 1 map, 6 tab. 8°. (Algeria.)

Schiff Collection.

Frenssen (Gustav). Peter Moors Fahrt nach Südwest. Ein Feldzugsbericht. *Berlin: G. Grote*, 1906. 4 p.l., 210 p. 12°. (Grote'sche Sammlung von Werken zeitgenössischer Schriftsteller. B. 89.)

Le Grand (J.) *La liberté de commerce dans le Bassin Conventionnel du Congo. *Paris: A. Leclerc*, 1906. 2 p.l., 176 p. 8°. (Université de Paris. Faculté de droit.)

Maclean ( ), *colonel*. A compendium of Kafir laws and customs, including genealogical tables of Kafir chiefs and various tribal census returns. Compiled by direction of Colonel Maclean. *Grahamstown [Cape Colony]: J. Slater*, 1906. viii, 171 p., 1 l., 3 tab. 12°.

Minguez y Vicente (Manuel). Descripcion geografica del Imperio de Marruecos (Mogreb el Aksa). *Madrid: R. Fé*, 1906. 146 p., 1 l. 12°.

Mountmorres (6. *viscount*), William Geoffrey Bouchard De Montmorency. The Congo Independent State. A report on a voyage of enquiry. *London: Williams & Norgate*, 1906. 166 p., 21 pl. 8°.

Schwabe (K.) Der Krieg in Deutsch-Südwestafrika 1904–1906. *Berlin: C. A. Weller*, 1907. v (1), 1 l., 440 p., 4 l., 1 map., 16 pl. 8°.

Art.

Aria (*Mrs.* E.) Costume: fanciful, historical and theatrical. Compiled by Mrs. Aria, illustrated by Percy Anderson. *London: Macmillan & Co., Ltd.*, 1906. xiii, 259 p., 14 pl., 1 port. 8°.

Cary (Elisabeth Luther). The works of James McNeill Whistler. A study... With a tentative

list of the artist's works. *New York: Moffat, Yard & Co.*, 1907. 8 p.l., (1) 4–302 p., 21 pl., 10 port. 4°.

G[allatin] (A. E.) Whistler: notes and footnotes and other memoranda. By A. E. G. [*i. e.*, A. E. Gallatin.] *New York: The Collector and Art Critic Co.*, 1907. 96 p. illus. 8°.

Sturgis (Russell). A history of architecture. v. 1. *New York: the Baker & Taylor Co.* [cop. 1906.]

Zambaur (Eduard von). Kollektion Ernst Prinz zu Windisch-Grätz. [Bd. 7.] *Wien: Mechitharisten Buchdruckerei*, 1906. 8°.

Sport.

Andersch Brothers. Hunter's and trapper's guide illustrating the fur bearing animals of North America, the skins of which have a market value. *Minneapolis, Minn.: Andersch Bros.*, 1906. 431 p., 3 l. illus. 2. ed. 8°.

Book (The) of sports and pastimes: home pets, hobbies, and many other interesting recreations for young people. Edited by J. K. Benson. With 347 illustrations. *London: C. A. Pearson, Ltd.*, 1907. vii, 344 p. 8°.

Grandière (Maurice). How to fence: a new and original treatise on the art of the foil and épée as studied and practised in France. *London: The Walter Scott Publishing Co.*, 1906. xvii, 121 p., 15 pl. 12°.

Hanks (Charles Stedman). Camp kits and camp life. By Charles Stedman Hanks, "Niblick." *New York: C. Scribner's Sons*, 1906. 2 p.l., ix–xii, 1 l., 259 p., 1 pl. illus. nar. 8°.

Roosevelt (Theodore). Jägerfreuden [übersetzt von Max Kullnick]. *Berlin: P. Parey*, 1907. xii, 347 (1) p., 47 pl., 1 port. 8°.

American and English Literature.

Edge (John H.) An Irish Utopia: a story of a phase of the land problem. *Dublin: Hodges, Figges & Co., Ltd.* [1906] viii, 296 p., 1 pl. 12°.

Farrer (James Anson). Literary forgeries by J. A. Farrer, with introduction by Andrew Lang. *London: Longmans, Green & Co.*, 1907. xxvi, 282 p. 8°.

Henryson (Robert). The poems of Robert Henryson, edit. by G. Gregory Smith. v. 2. *Edinburgh: W. Blackwood & Sons*, 1906. (Scottish Text Society. [Pub.] v. 55.)

Shaler (Nathaniel Southgate). From old fields. Poems of the Civil War. *Boston: Houghton, Mifflin & Co.*, 1906. x, 1 l., 308 p., 1 l. 8°.

Foreign Literature.

Boer (R. C.) Untersuchungen über den Ursprung und die Entwicklung der Nibelungensage. *Halle a S.: Buchhandlung des Waisenhauses*, 1906. 2 v. in 1. 8°.

Chauveron (Edmond de). *La Comédie Française devant les tribunaux. *Paris: A. Rousseau*, 1906. 2 p.l., 415 (1) p. 4°. (Université de Paris.—Faculté de Droit.)

Flowers of France. the Renaissance period: from Ronsard to St. Amant: representative poems of the sixteenth century: rendered into English verse: in accordance with the original forms: by John Payne: in one vol. *London: The Villon Soc.*, 1907. viii, 246 p., 1 l. 8°.

Jegerlehner (J.) Was die Sennen erzählen. Märchen und Sagen aus dem Wallis. Aus dem Volksmunde gesammelt. *Bern: A. Francke*, 1907. viii, 221 p. 12°.

Weber (Otto). Die Literatur der Babylonier und Assyrer. Ein Überblick von O. Weber. Mit 1 Schrifttafel...[etc.] *Leipzig: J. C. Hinrichs*, 1907. xvi, 312 p. 8°. (Der Alte Orient...Ergänzungband 2.)

Mathematical and Physical Sciences.

Benischke (Gustav). Die wissenschaftlichten Grundlagen der Elektrotechnik. *Berlin: Julius Springer*, 1907. xiv, 1 l., 580 p. 2. ed. illus. 8°.

Kunz (Jacob). Theoretische Physik auf mechanischer Grundlage. Mit 291 in den Text gedruckten Abbildungen. *Stuttgart: F. Enke*, 1907. x, 499 p. 8°.

Pattison Muir (Matthew Moncrieff). A history of chemical theories and laws. *New York: J. Wiley & Sons*, 1907. xx, 555 p. 8°

Snyder (Carl). The world machine; the first phase, The cosmic mechanism. *London: Longmans, Green & Co.*, 1907. xvi, 488 p. 8°.

Biological Sciences.

Arkwright (William). The pointer and his predecessors. An illustrated history of the pointing dog from the earliest times. *London: A. L. Humphreys*, 1906. xiii, 274 p., 1 l., 22 pl. 8°.

Ditmars (Raymond Lee). The reptile book. A comprehensive, popularised work on the structure and habits of the turtles, tortoises, crocodilians, lizards and snakes, which inhabit the United States and Northern Mexico. *New York: Doubleday, Page & Co.*, 1907. xxxii, 472 p., 136 pl. 4°.

Gorjanovic-Kramberger (Karl). Der diluviale Mensch von Krapina in Kroatien. Ein Beitrag zur Paläoanthropologie. *Wiesbaden: C. W. Kreidel*, 1906. xi, 59–277 p., 15 l., 14 pl. f°. (Studien über die Entwickelungsmechanik des Primatenskelettes. Lief. 2.)

Headley (Frederick Webb). Life and evolution. *London: Duckworth & Co.*, 1906. xvi, 272 p., 75 pl. 8°.

Starke (J.) Alcohol. The sanction for its use scientifically established and popularly expounded by a physiologist. Translated from the German. *New York: G. P. Putnam's Sons*, 1907. xx, 317 p. 8°.

Philology.

Bartoli (Matteo Giulio). Das Dalmatische. Altromanische Sprachreste von Veglia bis Ragusa und ihre Stellung in der apennino-balkanischen Romania. *Wien: A. Hölder*, 1906. 2 v. f°. (Kaiserliche Akademie der Wissenschaften: Schriften der Balkankommission. Linguistiche Abteilung 2., Romanische Dialektstudien, Heft 4–5.)

Bazin (H.) Dictionnaire bambara-français précédé d'un abrégé de grammaire bambara. *Paris: Imprimerie Nationale*, 1906. xxiv, 1 l., 693 p. 4°.

Hetherwick (*Rev.* Alexander). A practical manual of the Nyanja language. *London: Society for promoting Christian knowledge*, 1907. xviii, 19–256 p. 2. ed. 16°.

Zilva Wickremasinghe (Martino de). Tamil grammar self taught. (In Tamil and Roman characters.) *London: E. Marlborough & Co.*, 1906. 120 p. 12°. (Marlborough's self-taught series. No. 19.)

Sociology.

Avebury (1. *baron*), John Lubbock. On municipal and national trading. *London: Macmillan & Co.*, 1907. vi, 178 p. 8°.

Avenel (Georges d'), *vicomte*. Paysans et ouvriers depuis sept cents ans. *Paris: A. Colin*, 1904. xvi, 391 p. 2. ed. 12°.

Faguet (Emile). Le socialisme en 1907. *Paris: Société Française d'Impr. et de Librairie*, 1907. 2 p.l., 372 p., 1 l. 12°.

Freudenthal (Berthold). Amerikanische Kriminalpolitik. Öffentlicher Vortrag...am 8 September, 1906, gehalten. *Berlin: I. Guttentag*, 1907. 23 p. 8°.

Gannett (Henry). Statistical abstract of the world. *New York: J. Wiley & Sons*, 1907. viii, 84 p. 16°.

Economics.

Bevier (Isabel), *and* Susannah Usher. The home economics movement. Pt. 1. *Boston: Whitcomb & Barrows*, 1906. 67 p. 8°.

Borosini von Hohenstern (Viktor), *Ritter*. Wirtschaftliche Zustände im Mesabi-Gebiet in Minnesota unter besonderer Berücksichtigung der Stadt Eveleth und der Bergarbeiter. *Berlin: Puttkammer & Mühlbrecht*, 1906. 143 (1) p. 8°.

Brooks (Howard Keyes). Brooks' foreign exchange text book. An elementary treatise on foreign exchange and the monetary systems of the world. *Chicago: H. K. Brooks*, 1906. 3 p.l., 239 p., 1 port. 8°.

Hughes (John). Liverpool banks and bankers, 1760–1837: a history of the circumstances which gave rise to the industry, and of the men who founded and developed it. *Liverpool: H. Young & Sons*, 1906. xvi, 243 p., 4 facsim., 7 pl., 14 port. 8°.

Industries and Industrial Arts.

Adams (Alton D.) Electric transmission of water power. *New York: McGraw Pub'g Co.*, 1906. 2 p.l., 335 p. illus. 8°.

Card (Fred W.) Farm management, including business accounts, suggestions for watching markets...etc. *New York: Doubleday, Page & Co.*, 1907. xiii, 270 p., 63 pl. 8°. (The Farm Library.)

Carlier de Lantsheere (A.) Les dentelles à la main. Dentelles aux fuseaux—dentelles à l'aiguille—dentelles à points mélangés. 135 planches accompagnées de légendes et...descriptions...Publié sous le patronage du Gouvernement Belge. *Paris: A. Calavas* [1906]. 23 l., 135 pl. f°.

Meyer (Alfred Gotthold). Eisenbauten. Ihre Geschichte und Aesthetik. Nach des Verfassers Tode zu Ende geführt von Wilhelm Freiherr von Tettau, mit einem Geleitwort von...Julius Lessing. 93 Abbildungen im Text...[etc.] *Esslingen a. N.: P. Neff Verlag*, 1907. 6 p.l., 191 p., 27 pl. 4°.

Souvestre (Pierre). Histoire de l'automobile. *Paris: H. Dunod & E. Pinat*, 1907. 2 p.l., 800 p. illus. 4°.

Stockert (Ludwig von). Bau und Einrichtung der Lokomotive. *Wien: K. Graeser & Kie*, 1907. viii, 231 (1) p., 4 pl. illus. 4°.

Swannell (*Miss* M.) Rafia work. *London: George Philip & Son* [190–?]. 48 p. sq. 8.

Van Deusen (Clinton Sheldon). Beginning woodwork at home and in school... Illustrated by Edwin Victor Lawrence. *Peoria, Ill.: The Manual Press* [1907]. 99 p. ob. 16°.

Vernon-Harcourt (Leveson Francis). Sanitary engineering, with respect to water-supply and sewage disposal. With...illustrations. *London: Longmans, Green & Co.*, 1907. xxi (1), 419 (1) p. illus. 8°. (Longmans' civil engineering series.)

Whitman (Roger B.) Motor-car principles. The gasoline automobile. *New York: D. Appleton & Co.*, 1907. xiv, 248 p. illus. 12°.

PRINCIPAL DONORS IN APRIL.

	VOLS.	PMS.
Abbott, Francis R.	1	
Adelaide Observatory		2
Alger, Chambre de Commerce	3	
Amer. Bankers' Assoc.	4	
Amesbury Public Library	1	
Army Co-operative Fire Assoc.		1
Bancroft Memorial Library		1
Beale, C. C.		1
Bergen, Norway, U. S. Consul	12	
Boston, Chamber of Commerce	1	
Buck, H. A.	2	
Bulgaria, Bur. de Statistique	2	1
Caen, France, The Mayor		3
Canada, Dept. of Trade and Commerce	1	
Cantlie, James		2
Cassel, Ger., Der Magistrat	3	
Cheney, C. E		1
Chief Publishing Co.	1	
Colorado State Hist. and Nat. His. Soc.	1	
Commercial and Financial Chronicle	40	8
Conn. State Bd. of Health	1	
Constitution League of the U. S.	1	6
Dartmouth College	1	
Dresden, Statistisches Amt	1	
East Africa Protectorate	1	
Folkestone, Eng, Pub. Lib.		16
Ford, Mrs. Paul L.	15	100
General Medical Council	2	1
Gerard, Wm. R.		1
Hague, James D.		1
Hamburg, Handelskammer	1	
Hapgood, Miss I.	12	13
Harvard Club of New York	45	88
Hill, John H. (9 prints).		
Hollerith, Herman	95	35
Hospital Book and News Soc.	118	392
Hungary, Patent Office		5
India, Bombay Presidency	3	1
India Office	4	
Infantry and Cavalry School		6
Invercargill Athenæum		1
Iowa, Sec. of State	15	2
Jackson, Hall N.	18	
Jersey City, City Comptroller	3	
Jewish Colonization Assoc.	4	24
Jewish Directory Company	16	
Jones, Mrs. Cadwalader	47	698
Kansas Academy of Science	3	
Kansas State Bd. of Agric.	3	
Kansas State Historical Soc.	23	15
Keppler, Joseph (11 prints).		
Koch, Theo. W.	1	
Lancaster, Eng., County Coun.	7	9
Lazarus, Miss	1	
Liège, Belgium, Governor of Province	17	3
Linn, Dr. G. W.	1	
Loubat, Duc de		2
Madagascar, Gov.-Gen.	1	
Manchester, Eng., Council	4	
Mancini, Prof. D.		1
Mandelstein, L. N.	110	
Mander, A. R.	3	3
Mass., The Governor	1	1
Mass., Sec. of the Commonwealth	12	
Metropolitan Museum of Art	2	
Nat. Rifle Assoc. of America	4	
New Jersey, Hudson County Collector	1	
New South Wales, Legislative Assembly	7	
New York State Assembly	5	
Nova Scotia, King's Printer	2	
Panajotov, Prof. D.		7
Poillon, Wm.	10	12
Preyer, David C.	1	
Rothensteiner, Rev. John	15	9
Skrzyneki, G. A.	17	
Smillie, J. D. (131 prints).		
Smith, J. W.	4	
Sterne, Mrs. Simon	11	62
Tiffany & Co.	16	
Utrecht, Neth., Commiss. of Province	4	
Van Hoevenberg, Miss A. R.	23	9
Vermont State Library	2	1
Vincent, Sir C. E. H.	1	
Westerly Public Library	1	3

Published montbly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

LIBRARY
JUL 4 1907
UNIVERSITY OF TORONTO

JUNE 1907

VOLUME XI · NUMBER 6

REPORT FOR MAY 235–238
LIST OF WORKS RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, ETC. PART I. 239–287
PRINCIPAL ACCESSIONS IN MAY 288–291
PRINCIPAL DONORS IN MAY 292

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.)

Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

Tottenville. Amboy Road, near Prospect Avenue.
Port Richmond. 12 Bennett Street.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. JUNE, 1907. No. 6.

REPORT FOR MAY.

REFERENCE DEPARTMENT.

During the month of May there were received at the Library by purchase, 756 volumes and 696 pamphlets; by gift, 1,324 volumes and 3,634 pamphlets; and by exchange, 108 volumes and 2,990 pamphlets, making a total of 2,188 volumes and 7,320 pamphlets.

There were catalogued 4,138 volumes and 1,704 pamphlets; the number of cards written was 10,685, and of slips for the copying machine 2,293; from the latter were received 11,093 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	4,505	12,723	2,315	15,038	19,543
No. of readers	1,962	12,723	2,315	15,038	17,000
No. of readers, desk applicants	1,263	13,115	2,327	15,442	16,705
No. of volumes consulted by desk applicants	7,505	99,834	6,579	106,413	113,918
Daily average of readers	72	471	85	556	628
No. of visitors to Print Exhibition, etc.	2,696				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Clemens' "Christian Science," Hall's "Three Acres and Liberty"; (adult fiction): Thurston's "Mystics," Mason's "Running Water," Nicholson's "Port of Missing Men"; (juvenile fiction): Barbour's "Crimson Sweater," Alcott's "Little Women," Rhoades' "Little Girl Next Door."

CIRCULATION STATISTICS FOR MAY.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	10,690	2,427	276	2,281	2,281	461
East Broadway, 197	19,506	2,821	568			441
Rivington Street, 61	16,828	7,185	415	9,789	10,068	432
Le Roy Street, 66	7,231	2,506	125	1,393	3,567	205
Bond Street, 49	8,269	842	146	2,842	4,007	508
8th Street. 135 Second Avenue	15,912	1,844	266	2,973	3,226	339
10th Street, 331 East	17,087	3,499	388	3,456	3,654	308
13th Street, 251 West	7,691	1,426	76	1,414	1,455	115
22d Street, 230 East	1,070	5	18			8
23d Street, 209 West	11,443	4,532	199			289
34th Street, 215 East	6,544	1,716	101			171
40th Street, 501 West	3,271		20			64
42d Street, 226 West	10,298	619	199			413
50th Street, 123 East	6,256	1,124	171	305	423	126
51st Street, 463 West	5,364	171	125	291	524	75
58th Street, 121 East	8,255	1,557	536	1,088	1,088	906
67th Street, 328 East	11,054	782	148	585	1,518	185
69th Street. 190 Amsterdam Avenue	10,469	701	128	3,746	5,126	352
Travelling Libraries	74,101					791
77th Street. 1465 Avenue A	11,522	414	126	521	3,390	68
79th Street, 222 East	18,276	2,313	179	2,849	4,930	331
81st Street. 444 Amsterdam Avenue	14,779	1,722	166	1,416	1,636	252
Blind Library	974		6			29
96th Street, 112 East	20,290	2,271	361	1,869	3,874	387
100th Street, 206 West	16,013	3,573	208	1,172	1,472	234
110th Street, 174 East	16,164	5,279	278	2,000	4,288	461
123d Street, 32 West	8,181	344	240	1,345	2,300	183
125th Street, 224 East	9,912	1,243	161	651	862	209
135th Street, 103 West	18,563	1,647	338	1,323	2,684	203
145th Street, 503 West	14,844	1,271	321	1,683	3,257	213
156th Street. 922 St. Nicholas Avenue	7,848	2,626	139			187
BRONX.						
140th Street and Alexander Avenue	18,195	731	418	1,653	3,811	264
176th Street and Washington Avenue	16,608	503	247	1,044	2,053	256
Kingsbridge Avenue, 3041	2,254	2,155	41			63
RICHMOND.						
Tottenville	2,305	822	17			80
Port Richmond	5,691	245	50	599	942	124
TOTALS	453,758	60,916	7,201	48,288	72,436	9,733

The most important gifts of the month came from Mrs. Eliza Woolsey Howland and from Mrs. Henry Draper. Mrs. Howland's gift consisted to 21 volumes, including Pistolesi's "Real Museo Borbonico" (9 volumes, Rome, 1838–45), Flaxman's designs for the tragedies of Æschylus, Retzsch's "Outlines of Bürger's ballads" (Leipzig, 1840), Pinelli's illustrations for Don Quixote, Horeau's "Panorama d'Egypte," the whole given in memory of her husband General Joseph Howland. From Mrs. Draper were received the eight volumes by William Morris printed at the Chiswick Press from his Kelmscott Press Golden Type after his death and the closing of the Kelmscott Press; these eight volumes comprised his translations of the Odyssey and Æneid, the Volsunga Saga, House of the Wolfings, Roots of the Mountains, Grettir the Strong, Hopes and Fears for Art, and Architectural Industry and Wealth. Mrs. Draper gave also Reynolds' "God's Revenge Against Murder" (8th edition, London, 1740), the fifth edition (1832) of Wirt's Patrick Henry, and three aquatints by Mielatz "The Statue of Liberty," "Witch House, Salem," and "Old Tom's, Thames Street."

Other gifts worthy of mention came from: R. R. Bowker, 29 volumes and 56 pamphlets, including a number of publications of the Svenska Literatursällskapet; the Classified Catalogue of the Carnegie Library of Pittsburgh, from the Library; from the French Consul General at New York, 33 volumes of French documents; from the Hungarian Central Statistical Office, 6 of its statistical publications; from the Landsbókasafn, Reykjavik, 1 volume and 18 pamphlets, Icelandic documents; from Cortlandt Irving, a file of Blackwood's Edinburgh Magazine from 1835 to 1900; from the Library of Congress volume 7 of Worthington Ford's edition of the Continental Congress Journals, 1777, Washington, 1907; from Wilhelm Miller, 17 volumes and 1,600 pamphlets, all relating to agriculture; from Elihu Root, 11 volumes, relating to Cuba and the Philippines; and from Mrs. Gertrude King Schuyler, 69 volumes, a continuation of her gift of Russian books made in 1901.

The German-American collection was in receipt of gifts from Edward Neder, the Katholische Union von Missouri, Karl A. M. Scholtz, and others.

The exhibition of American work in the print department at the Lenox Branch was continued, as was also the display of book-plates and engravings by the late E. D. French in the lower hall. On May 17th a few plates from Mrs. Frankau's work on J. R. Smith and the Wards were displayed in the lower hall. At the Astor Branch the plates from Martin's "Oriental carpets," with the collection of American etchings, lithographs and engravings, etc., remained on view.

The only change at the Branches was the installation of color plates from Molinier's "Royal interiors," illustrating furniture and interior decoration of the 17th and 18th centuries in France, at the 58th Street Branch.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: East Broadway, Athletics, Tales of the sea, Richard Wagner; Hudson Park, Music, Ireland, Western life; Ottendorfer, Adventures of the sea, Keeping house; 67th Street, Little people of other lands, Building construction; Riverside, Country homes, Sports, Birds; Webster, Japanese industries, southern industries; Yorkville, Spring indoors and out; 96th Street, Out of doors in May; Aguilar, Panama Canal; 125th Street, Green things growing; Tremont, Animal stories, Barbary corsairs, colonial customs, Joan of Arc, Railroad development in the United States, Sculpture.

In addition there were bulletins on Memorial Day at sixteen branches, on May Day at eight branches, on new books at eight branches, on Ian Maclaren at three branches, on Spring at three branches, on Jamestown Exposition at three branches, on Gardening at two branches, on John Paul Jones at two branches, on Arbor Day at two branches, and on birthdays of celebrated men and women at two branches.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, NAVIGATION AND SEAMANSHIP, SHIPBUILDING, ETC.

A list of works in the Library relating to Naval History was printed in the BULLETIN for June, July, August, September, November, 1904.

This list does not include works on naval history, naval engineering, the marine steam engine, naval or maritime or international law, the economic aspects of shipping, voyages, etc.

Order of Arrangement:

BIBLIOGRAPHY.
PERIODICALS.
NAUTICAL ALMANACKS.
CONGRESSES.
DICTIONARIES.
HISTORY.
NAVIGATION AND SEAMANSHIP.
COAST PILOTS.
EDUCATION.
SEAMEN.
SIGNALLING.
SHIPS AND SHIPBUILDING.
NAVAL ART AND SCIENCE.

BIBLIOGRAPHY.

Anrique R (N.) Bibliografia maritima Chilena (1840–1894). *Santiago de Chile: Imprenta Cervantes*, 1894. 205 p., 1 l. 8°.

Austria.—*Marinetechnisches Komitee.* Katalog der K. u. K. Marine-Bibliothek. Im Auftrage des K. u. K. Reichskriegsministeriums (Marine section) ausgearbeitet von Albert Seelig K. u. K. Marine-Bibliothekar. Hrsg. v. K. u. K. Marinetechnischen Komitee (Marine-Bibliothek). *Pola*, 1905. 3 v. 8°.

Bd. 1. Wissenschaften ohne direkter Beziehung zur Schiffahrt. xxiv, 528 p. 2. ed.
Bd. 2. Maritime Wissenschaften . . . in direkter Beziehung zur Schiffahrt. xi, 379 p. 2. ed.
Bd. 3. Pt. 1, Alphabetischer Index der Kapitel der Fachkataloge; Pt. 2, Autoren-Katalog. xxxii, 396 p., 1 l.

Blunt (Edmund M.) Catalogue of the best charts, pilots, navigation books, and nautical instruments, sold by Edmund M. Blunt, at the Quadrant, No. 202 Water-street, corner of Fulton-street, New-York. 3 p. (Bound at end of BOWDITCH's Practical Navigator. *New-York*, 1817.)

Catalogue des Livres & Cartes Marine imprimez chez la Veuve de Guillaume Gruchet, Imprimeur & Marchand Libraire au Havre de Grace, & qui se trouvent dans sa Boutique. (In: N. LE CORDIER, Instruction des pilotes. *Havre de Grace*, 1734. v. 2, pp. 190–192.)

Deutsche Seewarte Katalog der Bibliothek. Nachtrag. no. 1–6. *Hamburg*, 1894–1905. 8°.

Edmunds (Albert J.) Selected list of naval matter in the library of the Historical Society of Pennsylvania. (Penna. Mag. of Hist. and Biog. v. 27, pp. 63–75. *Philadelphia*, 1903. 8°.)

—— —— Same, separate. 13 p. 8°.

Extrait du Catalogue des Livres qui se trouvent chez Barrois, l'aîné. (C. ROMME, La science de l'homme de mer. *Paris* [1800]. verso of bastard title.)

25 titles.

Gelcich (Eugen). Studien über die Entwickelungs-Geschichte der Schiffahrt mit besonderer Berücksichtigung der nautischen Wissenschaften, nebst einem Anhang über die nautische Literatur des XVI. und XVII. Jahrhunderts. *Laibach: I. v. Kleinmayr & F. Bamberg*, 1882. xi, 213 p. 8°.

Germany.—*Marine-Amt.* Bücherverzeichniss der Hauptbibliothek des Reich-Marine-Amts. *Berlin: E. S. Mittler & Sohn*, 1902. xxiii, 604 p. 8°.

Heather (W.) July 12th, 1803. A new catalogue of the best charts, pilots, & navigation books, Sold Wholesale, Retail, and for Exportation, by W. Heather, at his Sea-Chart, Map, and Mathematical Instrument Warehouse, No. 157, Leadenhall-Street, Near the Royal Exchange, London. 4 p. 8°. (Bound at end of BOWDITCH's Practical Navigator. *London*, 1802.)

Leon Pinelo (Antonio de). Epitome de la biblioteca oriental i occidental, nautical i geografica. Por el Licenciado Antonio de Leon, Relator del Supremo i Real Consejo de las Indias. *Madrid: Juan Gonzalez*, 1629. engraved title, 43 p.l., 186, xii p. 4°.

Biblioteca nautica in 3 divisions.

—— Epitome de la biblioteca oriental, y occidental, nautica, y geografica. De Don Antonio de Leon Pinelo... *En Madrid: En la Oficina de Francisco Martinez Abad*, 1737–1738. 3 v. f°.

Lescallier (Daniel).

Notice des ouvrages de marine, et autres analogues à cette partie, composés et publiés, la plupart, par ordre des Ministres de la marine, par Lescallier. [*Paris*, 1797?] 24 p. 12°.

Mathematical and Sea-books, Printed for Richard Mount, Book-seller, at the Antient Shop by the Postern on Tower-Hill. (In: Colson (N.) The mariners new Kalendar. *London*, 1697. p. 2.)

23 titles.

Mathematical and Sea-Books, Printed for and sold by William Fisher, at the Postern-Gate near Tower-Hill, Thomas Passenger at the Three Bibles on London Bridge, Robert Boulter, at the Turk's-Head, and Ralph Smith, at the Bible in Cornhill near the Royal Exchange. (In: STURMY'S Mariner'sMagazine. *London*, 1684. bk. 5, p. 174.)

Bibliography, cont'd.

Meuss ( ). Die Marineliteratur im Jahre 1905. (Marine-Rundschau. Jhrg. 17, pp. 946–978. *Berlin*, 1906.)

Mittler (Ernst Siegfried), *und Sohn*. Verzeichniss der Marine-Litteratur welche in dem Verlage der Königlichen Hofbuchhandlung von E.S. Mittler und Sohn...erschienen sind, 1816–1885. Theil 1–3. *Berlin: Mittler*, 1885. ix, 33, 60, 17 p. 8°.

Modera (J.) Onderlinge vergelijking der Nederlandsche werken over de zee-taktiek en der seinboeken voor de Nederlandsche zeemagt, van 1808 en 1855; in alphabetische orde zamengestelt... *Te Amsterdam: Wed. G. Hulst van Keuben*, 1856. 61 p., 1 pl. 8°.

Overgedrukt uit de Verhandelingen en Berigten betrekkelijk het Zeewezen en de Zeevaartkunde, door Jacob Swart, Jaarjang 1856, no. 1.

Navarrete (M. F. de). Biblioteca maritima española; obra póstuma. *Madrid: La Viuda de Calero*, 1851. 2 v. 4°.

Scott (John). Catalogue of the naval section of the library of the late J. Scott, Esq...which will be sold by auction by Messrs. Sotheby, Wilkinson & Hodge...27 March, 1905. [*London*, 1905.] 1 p.l., 265–311 p. 8°.

—— Same. (Lots 2553–3523 of the Catalogue of the Scott library.)

Some standard books on professional subjects. (U. S. Naval Intelligence Office. General Information series, 13. *Washington*, 1894. pp. 417–447. 8°.)

United States.—*Navy Department: Library.* Foreign periodicals. July, 1901. [*Washington*, 1901.] 8°.

—— —— —— Foreign anuuals. July, 1901. [*Washington*, 1901.] 8°.

Young (Lucien). Catalogue of works by American naval authors. *Washington*, 1888. 149 p. 8°. (Navigation Bureau, Navy Dept.)

PERIODICALS.

Aide-mémoire de l'officier de marine. (E. Durassier, fondateur.) [Pub.] par C. Valentino. Année 16 (1903). *Paris* [1903]. 16°.

Almanach du marin et de la France maritime ...Année 63 (1901). *Paris* [1901]. 24°.

American Marine Engineer. Official organ of National Marine Engineer's Beneficial Association. v. 1, no. 5–date. (May, 1906–date.) *Chicago*, 1906–date. f°.

Current. Monthly.

American Ship. Devoted to American industry, nautical commerce, shipbuilding, timber, engineering, navigation, insurance and yachting interests. v. 1, nos. 15, 17, 22, 26 (1879); v. 4 (1881). *New York*, 1879–81. f°.

American Shipbuilder. v. 17, no. 20; v. 28, nos. 22–23; v. 29, nos. 6–10; v. 30, nos. 18–20, 24; v. 31–v. 36, no. 9. (1898, 1903–1907.) *New York*, 1898–1907. f°.

Weekly. Discontinued after v. 36, no. 9 (30 March, 1907), being merged with **Marine** Journal.

American Society of Naval Engineers. Journal. v. 1–date. *Washington, D. C.*, 1889–date. 8°.

Current.

—— Officers and members, 1899, 1901, 1904. [*Washington*, 1899–1901.] 8°.

Annales maritimes et coloniales...par L. M. Bajot & Poirré. v. 1–107 (Année 1809–1847.) *Paris*, 1818–51. 8°. (France. Minist. de la Marine et des Colonies.)

Continued as **Nouvelles** annales, *q. v.*

Année (L') maritime: revue des événements et répertoire statistique annuel des faits qui se sont accomplis dans les marines francaise et étrangères ...Année 1–6 (1876–81). *Paris*, 1877–83. 12°.

Henri Durassier named as editor of 5–6. Année 5 covers 1880–81.

Annuario Marittimo. 1897, 1901–02. annata 47, 51–52. *Trieste*, 1897–1902. 8°.

Armée et Marine. Revue hebdomadaire illustrée des Armées de Terre et de Mer. Année 2–date. *Paris*, 1900–date. f°.

Current.

Army and Navy Gazette. v. 38–date. *London*, 1897–date. f°.

Weekly. Current.

Army and Navy Journal. v. 1–date (1863–date). *New York: W. C. & F. P. Church*, 1863–date. f°.

Weekly. Current.

Army and Navy Life and The United Service, 1906–date. *New York*, 1906–date. 8°.

Current. Monthly. "Army and Navy Life" and "The United Service" were merged in Jan., 1906.

Army and Navy Register. v. 28–date (July, 1900–date). *Washington*, 1900–date. f°.

Current. Weekly.

Associated Shipwrights' Society. Annual report. no. 19–24 (1900–1905). *Newcastle-on-Tyne*, 1901–[1906?] 8°.

—— Monthly membership return. Jan., 1904; Jan., 1905. nos. 258, 274. *Newcastle-on-Tyne*, 1904–05. 8°.

Include also Quarterly reports for preceding three months.

Association technique maritime. Annuaire, 1903–1906. *Paris* [1903–06]. 12°.

—— Bulletin. No. 1–8 (1890–97); no. 14 (1903). *Paris*, 1890–1903. 4°.

Berigten en verhandelingen over onderwerpen der zeevaartkunde uitgegeven door F. J. L. Schröder. *See* **Verhandelingen** en berigten betrekkelijk het zeewezen.

Blue Jacket. v. 1, nos. 5, 9; v. 3–date (Sept., 1901, Jan., 1902; May, 1903–date). *Newport, R. I.: Naval Training Station*, 1903–date. 8°.

Current. Monthly. Edited by F. J. Buenzle, Chief Yeoman, U. S. N.

v. 1–3 called "Our Naval Apprentice."

Brassey (T. A.) *See* **Naval** Annual.

Bulletin de la marine marchande. v. 1–date. 1899–date. *Paris*, 1899–date. 8°.

Current. Monthly.

Coast Seamen's Journal. Official organ of the International Seamen's Union of America. v. 9, no. 45, 52; v. 10–date. Index to v. 1–15. *San Francisco*, 1896–date. f°.

Current. Weekly.

Creuze (A.) *See* **Papers** on naval architecture.

Daily Shipping Index. Aug. 1903–date. *Melbourne*, 1903–date. f°.

Daily. Current. File is not complete.

Periodicals, cont'd.

Dana (R. W.) *See* **Institution** of Naval Architects.

Dansk söfartstidende. Organ for Denmarks skibsfart. Aargang 7–date, Jan. 1900–date. *Kjöbenhavn*, 1900–date. 8°.
Current. Weekly. Ludwig Drechsel editor.

Deutsch-Nautischer Almanach. Illustrirtes Jahrbuch über Seeschiffahrt, Marine und Schiffbau ...Jahrg. [1], 5. (1900, 1904.) *Berlin* [1900]–1904. 8°.

Dunell (G. R.) *See* **Institution** of Naval Architects.

Durassier (Henri). *See* **Année** maritime.

Embree (D.) *See* **Western** boatman.

Engineers Gazette. A monthly journal for engineers and shipbuilders and all interested in shipping. v. 11–17. *London*, 1897–1903. f°.
From 1903 merged into: Practical Engineer.

Fleet. v. 1–date. (May, 1905–date.) *London*, 1905–date. 4°.
Current. Monthly.

Fleet Annual and Naval Year Book. [Edited] by L. Yexley. *London*, 1906.

Friend (The). A monthly journal devoted to temperance, seamen, marine and general intelligence...Edited by Samuel C. Damon. v. 15–v. 23. no. 12 (1858–65); v. 60, nos. 3–8, 10–11 (1902); v. 61, nos. 1–4, 6–9, 11–12 (1903); v. 62, nos. 5, 10 (1904). *Honolulu*, 1858–1904. 4°.

Gannon (W.) *See* **Nautical** Gazette.

Giornale militare per la marina. 1883, pt. 1–2; 1884, pt. 1; 1900–date. *Roma: Ministero della Marina*, 1883–date. 8°.
Current. Weekly.

Goldsborough (C. W.) *See* **United States** Naval Chronicle.

"Hansa": Deutsche nautische Zeitschrift. Jahrg. 29, nos. 30–31; Jahrg. 34–date. (1892, 1897–date.) *Hamburg*, 1892–date. 4°.
Current. Weekly.

Holmes (George). *See* **Institution** of Naval Architects.

Institution of Engineers and Ship-builders in Scotland. Transactions. v. 1–date. (1857–date.) *Glasgow*, 1858–date. 8°.
Current. Annual.

Institution of Naval Architects. Transactions. v. 1–date. *London*, 1860–date. 4°.

—— —— Index to v. 1–46 (1860–1904). *London*, 1904. 4°.
Editors: v. 1–3, E. J. Reed; 4–16, none given; 17–19, A. Sedgwick Wolley; 20–40, George Holmes; 43, G. R. Dunell and R. W. Dana; 44–date, R. W. Dana.

International Marine Engineering. v. 1–date. (1897–date.) *New York*, 1897–date. 4°.
Monthly. Current.
Up to April, 1906, called "Marine Engineering."

International Seamen's Union of America. *See* **Coast** Seamen's Journal.

Internationale Revue über die gesammten Armeen und Flotten. Jahrg. 17, no. 7–8; 18–date. (1899–date.) *Dresden* [1899–date]. 8°.
Current. Semi-monthly.

—— Supplement, nos. 7–date.

—— Beiheft, nos. 1–date.

Jahrbuch der Automobil- und Motorboot-Industrie. Im Auftrage des Deutschen Automobil-Verbandes, hrsg. von E. Newberg. Jahrgang 1–3. *Berlin*, 1904–6. 8°.

Jahrbuch für Deutschlands Seeinteressen. Jahrg. 1–8 (1899–1906). *Berlin: Mittler*, 1899–1906. 12°, 8°. (Nauticus-Schriften, 3, 5–11.)

Journal de la Marine. Le yacht. v. 20–date. *Paris*, 1897–date. f°.
Weekly. Current.

Journal des transports. Année 25, nos. 10, 12–28, 30, 32, 35, 39, 41–43 (1902). *Paris*, 1902. 4°.

Laughton (L. G. C.) *See* **Naval** pocket book.

Leyland (J.) *See* **Naval** Annual.

Life Boat (The). Published by the American Seamen's Friend Society. 1858–date. 8°. (In: **Sailor's** Magazine and Seamen's Friend, for the corresponding years.)

Liga Maritima Española. Boletin oficial. año 1–date. Jan. 1901–date. *Madrid*, 1901–date. 8°.
Current. Supplement to: **Vida** maritime.

—— Manual de la Liga Maritima Española... Cinco años de labor. 1900–1905. *Madrid: Imprenta alemana*, 1906. vii, 294 p., 1 l., 1 port. 8°.

Ligue Maritime Belge. Bulletin. Jan., 1902–date. *Anvers*, 1902–date. 8°.
Current. Semi-monthly.

Marine (The) Engineer, a monthly journal of marine engineering, shipbuilding and steam navigation. Ed. by Wm. George Neal. v. 1–date. (1879–date.) *London*, 1880–date. 4°.
Current.

Marine Engineering. *See* **International** Marine engineering.

Marine (La) français. Marine de guerre, marine marchande, colonies et protectorats, yachting. 3. sér. v. 10–date (1897–date). *Paris*, 1897–date. 8°.
Monthly. Current.

Marine Journal. v. 10, no. 14; v. 18, no. 51; v. 25, no. 5; v. 26–date. (1888, 1893–date.) *New York*, 1888–date. f°.
Current. Weekly.

Marine Review. v. 4, no. 21; v. 17–18; v. 19, nos. 1–8, 10–26; v. 20–date. (1891, 1898–date.) *Cleveland*, 1898–date. f°.
Weekly. Current.
"Marine Review," and "Marine Record" combined, 14 Aug., 1902, with title "Marine Review and Marine Record." "Marine Record" dropped from title with v. 29 (Jan. 1904).

Marine-Rundschau. Jahrg. 11, Heft 4 (Ap. 1900); 12, Heft 6–7 (June–July, 1901); 12–date (1901–date). *Berlin: Nachrichtenbureau des Reichs-Marine Amts*, 1900–date. 8°.
Monthly. Current.

Marine Society of New York. A memoir of the Marine Society of New York, read at the annual dinner of the Society, on its 107th anniversary, January 7th, 1877, by G. D. S. Trask. Together with an appeal for the maintenance of the Society by W. A. Butler. To which are added the charter and by-laws, with the names of the officers and members. 83 pp., 1 l. [*New York: The Society*,] 1877. 8°.

Periodicals, cont'd.

—— A memoir of the Marine Society of New York, read at the Annual Dinner of the Society, on its 107th Anniversary, January 7th, 1877; together with the Supplement of December 1st, 1903, by G. D. S. Trask. Also, Reviews of the History of the Society from 1877 to 1890, by J. Parker, President, and from 1899 to 1903, by A. J. Newbury, President. To which are added the charter and by-laws with the names of the officers and members. December, 1903. *New York*, 1903. 97 pp. 8°.

—— Charter... by laws, and a list of the members. (1811, '40, '46, '60, 66.) *New York*, 1811–66. 12°, 8°.

Marine-Vereeniging. *See* **Marineblad; Verslagen,** etc.

Marineblad. Bijblad op de Verslagen der Marine-Vereeniging. Jaarg. 1–date. (1886–date.) *Den Helder*, 1886–date. 8°.

—— Jaarg. 19. Extra Aflevering, Oct. 1904/05. Festnummer. *Helder*, 1904. 4°.

Current. 8 nos. per year. For the file of the "Verslagen" see **Verslagen,** etc.

Maritime reporter and Seaboard. *See* **Nautical** Gazette.

Mededeelingen betreffende het Zeewezen. v. 1–28; v. 29, nos. 4–5; v. 30–date. (1861–date.) *'s Gravenhage: Departement van Marine*, 1861–date. 8°.

Current. Issued at irregular intervals.

Mittheilungen aus dem Gebiete des Seewesens. Jahrg. 1–date. 1873–date. *Pola*, 1873–date. 8°.

Current. Monthly.

Moniteur (Le) de la Flotte, et le Journal du Matelot. Année 47–date. *Paris*, 1900–date. 8°.

Weekly. Current.

Monthly (The) Nautical Magazine and Quarterly Review. v. 2–3, 5–7. *New York*, 1855–58. 5 v. 8°.

V. 3 has title: U. S. Nautical Magazine and Naval Journal.

Morgan (W.) *See* **Papers** on naval architecture.

Morskoi Sbornik izdavayemy morskim uchonym Komitetom. v. 22, 313–date. (1856, 1903–date.) *St. Petersburg: Akademiya Nauk*, 1856, 1903–date. 8°.

Motor Boat. v. 1–date. (10 April 1904–date.) *New York*, 1904–date. 4°.

Current. Semi-monthly. v. 1, nos. 5, 7 lacking.

Motoring and boating. v. 1, no. 1–26; v. 2–v. 3, nos. 1–13. (April, 1904–June, 1905.) *New York*, 1904–5. 4°.

Weekly.

National Board of Steam Navigation. Proceedings of the annual meeting. 15th (1886); 17th–23d (1888–1894); 27th, 30th–35th (1899, 1901–1906). *New York*, 1886–1906. 12° and 8°.

National Marine Engineer's Beneficial Association. *See* **American** Marine Engineer.

Nautical (The) Gazette. A weekly journal of navigation, shipbuilding, marine engineering, naval architecture and commerce. v. 11–27 (April, 1879–Dec., 1887); v. 1, no. 1–41 (Jan. 7, 1888–Oct. 13, 1888); N. S., v. 1–v. 11, no. 11 (Oct. 25, 1888–Dec. 29, 1898); N. S., v. 1–date (1899–date). *New York*, 1879–date. f°.

Current.

Apr., 1879–Dec., 1887, called: Nautical Gazette.

Jan. 7–Oct. 13, 1888, called: The Seaboard... ed. by W. Gannon. Consolidated Oct. 25, 1888, with The Maritime reporter.

Oct. 25, 1888–Aug. 22, 1889, called: Maritime reporter and Seaboard.

Aug. 29, 1889–Dec., 1898, called: Seaboard, a maritime reporter and Nautical gazette; ed. by W. Gannon and A. R. Smith.

1899–date, called: Nautical Gazette.

Nautical, The, Magazine: a journal of papers on subjects connected with maritime affairs in general. v. 1–12, 66–date. (1832–43, 98–date.) *London*, 1832–date. 8°.

Current. Monthly.

From v. 6, title "Nautical Magazine and Naval Chronicle," called: "enlarged series."

v. 66–72 "Nautical magazine and Journal of the Naval Reserves."

v. 74–date, published in Glasgow.

Nauticus-Schriften. no. 1–11. *Berlin: Mittler*, 1898–1906. 12°, 8°.

1. Altes und neues zur Flottenfrage, 2. Aufl.; 2, Neue Beiträge zur Flottenfrage; 4, Beiträge zur Flotten-Novelle; 3, 5–11, Jahrbuch für Deutschlands Seeinteressen, Jhrg. 1–8.

Naval Annual. By T. A. Brassey. 1886–1906. *Portsmouth*, 1886–1906. 8°.

1900–1, ed. by J. Leyland.

1902–date, ed. by T. A. Brassey.

Naval pocket-book, founded by W. L. Clowes, edited by L. G. C. Laughton. [v.] 1, 3–11. (1896, 98–1906.) *London*, 1896–1906. 24°.

Navy (The). v. 1–date. (Jan. 1907–date.) *Washington, D. C.*, 1907–date. 4°.

Current. Monthly.

Navy League Journal. v. 1, nos. 1–30 (1895); v. 3–date (1895–date). *London*, 1895–date. 4°.

Monthly. Current.

Neal (William George). *See* **Marine** Engineer.

Nederlandsche Zeewezen. *See* **Vereeniging** het Nederlandsche Zeewezen.

New York Maritime Register. v. 29–date. (1897–date.) *New York*, 1897–date. f°.

Current. Weekly. A broken file, 1876–84.

North-East Coast Institution of Engineers and Shipbuilders. Transactions. v. 1–22. (1884–1906.) *London*, 1885–1906. 8°.

Current.

Nouvelles annales de la marine et des colonies. Revue mensuel. v. 1–17 (1849–1864.) *Paris*, 1849–1864. 8°. (France. Ministère de la Marine et des Colonies.)

Continued from **Annales** de la marine. Continued as **Revue** maritime, *q. v.*

Our apprentice. *See* **Blue** Jacket.

Papers on naval architecture and other subjects connected with naval science. Conducted by W. Morgan and A. Creuze. v. 1–4 (or, Nos. 1–13). *London: G. B. Whittaker*, 1827–32. 3 v. 8°.

Suspended publication after No. 13 until 1865.

Power Boat News. v. 1, nos. 39–52; v. 2, nos. 1–33. (March, 1905–October, 1906.) *New York*, 1905–06. f°.

Merged with "Rudder" in October, 1906.

Quarterly Register and Exchange of Yachts, v. [1] no. 3–date. (July, 1899–date.) *London*. 1899–date. 8°.

Current.

Title till April, 1902: Quarterly Sale Register of Steam and Sailing Yachts. From Apr., 1902–Dec. 1906: Quarterly Sale Register and Exchange of Yachts. Dec., 1906, dropped *Sale*.

Periodicals, cont'd.

Questions navales. Revue générale de la marine. Année 1–date. *Paris*, 1904–date. 8°.

Semi-monthly. Current.

Reed (E. J.) *See* **Institution** of Naval Architects.

Revista general de marina publicada en el deposito Hidrografica. v. 6–7, 16–33, 42–date. (1880–93, 1898–date.) *Madrid*, 1880–date. 8°. (Marina, Ministerio de.)

Current. Monthly.

—— —— Indice general alfabético, 2. ser., v. 11–20 (1882); 3. ser., v. 21–30 (1887–92).

Revue maritime. v. 1–163. (1861–1904.) *Paris*, 1861–1904. 8°. (France. Ministère de la Marine.)

Continued from "Annuaire de l'Algerie" and from **Nouvelles** Annales de la marine.
Up to 1896 called: "Revue maritime et coloniale."

Rivista marittima. Anno 33–date. Indice, 1897–1901. *Roma*, 1900–date. 8°.

Monthly. Current. From April, 1903, through March, 1905, published in Citta di Castello.

Rudder. v. 7, no. 8; v. 10, nos. 2, 5; v. 13 (1902)–date. *New York*, 1899–date. f°.

Current. Monthly. Edited by Thomas Fleming Day.

Sailor's (The) Magazine and Seamen's Friend. v. 1, 3, 11–12, 15, 18, 22, 25, 27–30, 33–79. (1828/9, 1830/1, 1838/9–1839/40, 1842/3, 1845/6, 1849/50, 1852–3, 1854/5–57/8, 1859/60–1907.) *New York: American Seamen's Friend Society*, 1828–1907. 8°.

Schiff (Das). Centralblatt für die gesamten Interessen der deutschen Schiffahrt. Hrsg...von A. von Studnitz. Jahrg. 22–date. (1901–date.) *Berlin*, [1901]–date. f°.

Weekly. Current.

Schiffbau. Jahrg. 4, no. 19–20, 22; Jahrg. 5, no. 6, 13; Jahrg. 6–date. (1903–date.) *Berlin* [1903–date]. 4°.

Weekly. Current.

Schiffbautechnische Gesellschaft. Jahrbuch. v. 1–7. (1900–1906.) *Berlin*, 1900–1906. 4°, 8° and f°.

Schröder (J. F. L.) *See* **Verhandelingen** en berigten betrekkelijk het zeewezen.

Scottish Shipbuilders' Association. Proceedings of the fifth session, 1864–65. *n. p.* [1865.] 4 p. 8°.

Seaboard. *See* **Nautical** Gazette.

Shipmaster's Society, London. [Course of papers.] No. [1–75] (1890–1902.) *London*, 1890–1902. 8°.

—— Annual report. 15, 17–20. (1891, 1893–96.) [*London*,] 1891–96. 8°.

Blackmore ([Capt.] E.) The evolution of shipmasters' societies. *London: Pewtress & Co.*, 1898–99. 2 pts. 8°. (Shipmasters' Society, London. Course of papers, nos. 58, 60–61.)

Crutchley (W[illia]m Cains). Ourselves. *London*, 1894. 32 p. 8°. (Shipmasters' Society, London. Course of papers, no. 32.)

Smith (A. R.) *See* **Nautical** Gazette.

Society of Naval Architects and Marine Engineers. Constitution. 1894–1897. [*New York*,] 1894–7. 16°.

—— Names and addresses. 1898–1901, 1903–1907. [*New York*,] 1898–1907. 16°.

Continuation of the file first noted. Contains constitution and by-laws, lists of officers and members, table of contents and author and title index of the transactions, etc.

—— Transactions. v. 1–date. (1893–date.) [*New York*,] 1893–date. 4°.

Smoking (The) lamp. Official organ of the naval militia. v. 1, nos. 1–5 (May–Nov., 1901) *New York*, 1901. 4°.

No more published.

Swart (J.) *See* **Tijdschrift** voor het zeewezen; **Verhandelingen** en berigten.

Tegg's mariners' marvellous magazine . . . *London*, 1809. 3 v. 12°.

Tijdschrift van de Vereeniging het Nederlandsche Zeewezen. *See* **Vereeniging** het Nederlandsche Zeewezen.

Tijdschrift voor het zeewezen, redacte: J. Swart. Nieuwe serie. v. 1–v. 5, no. 1–3. (1871–75.) *Amsterdam*, 1871–75. 8°.

Continuation of **Verhandelingen** en berigten betrekkelijk het zeewezen en de zeevaartkunde.

Tindal (J. G. A.) *See* **Verhandelingen** en berigten.

Ueberall: Zeitschrift des deutschen Flotten-Vereins. v. 1–date. Jan. 1899–date. *Berlin*, 1899–date. 8°.

Current. Weekly until 1904, then semi-monthly. Subtitle dropped with Jhrg. 4.

United (The) Service. A monthly review of military and naval affairs. v. 1–9, 11–14 (1879–1886); n. s., v. 1–12, 15, 16, no. 2–3 (1889–94, 96); 3. ser. v. 1–8 (1902–1905). *Philadelphia*, 1879–1905. 8°.

Jan. 1906 merged into: **Army** and Navy Life and the United Service. v. 1 published quarterly.
3. ser. v. 1, 1905, published in New York.

United States Nautical Magazine and Naval Journal. *See* **Monthly** Nautical Magazine.

United States (The) naval chronicle. By C. W. Goldsborough. v. 1 (1824). *Washington City*, 1824. 8°.

United States Naval Institute. Proceedings. v. 1–date. (1874–date.) *Annapolis*, 1874–date. 8°.

—— —— Index to 1–15.

—— —— General Index [to v. 1–27].

Quarterly. Current.
Title of v. 1–3: Papers and Proceedings.
v. 1–4 published in New York.

Valentino (C.) *See* **Aide-memoire** de l'officier de marine.

Vereeniging het Nederlandsche Zeewezen. Tijdschrift. v. 1–date. (1902–date.) *'s-Gravenhage*, 1902–date. 4°.

Current. Semi-monthly.
Separate nos. for 1905-date have title: Nederlandsche Zeewezen.

Verhandelingen en berigten betrekkelijk het zeewezen en de zeevaartkunde, uitgegeven door J. G. A. Tindal and J. Smart. Nieuwe volgorde. v. 1–v. 30, no. 1–20 (1837–70). *Amsterdam*, 1837–70. 8°.

v. 1 has title: Berigten en verhandelingen over onderwerpen der zeevaartkunde uitgegeven door J. F. L. Schröder. With v. 12, 1852, Tindal is dropped as editor. Continued as **Tijdschrift** voor het zeewezen.

Periodicals, cont'd.

Verslagen der Marine-Vereeniging. Jaarg. 1–date. (1883–date.) *Willemsoord, Den Helder*, 1883–date. 8°.

Current. Published at irregular intervals.
Jaarg. 1–7 (1883–1900/1): Vereeniging ter behandeling van op de Zeemacht betrekking hebbende onderwerpen.
For the "Bijblad" see **Marineblad**.

Vida maritima. Revista de Navegacion y comercio marina militar deportes nauticos pesquerias é industrias de mar. año 1–date. (Jan. 1902–date.) *Madrid: Liga maritima española*, 1902–date. 8°.

Current. 3 nos. per month. Supplement is: Boletin oficial de la Liga Maritima Española.

Western (The) Boatman: A periodical devoted to navigation...[Edited by] D. Embree. v. 1, no. 1–11 (1848–49). *Cincinnati*, 1848–1849. 8°.

v. 1, no. 1 pub. in St. Louis.

Wolley (A. Sedgwick). *See* **Institution** of Naval Architects.

Yacht Club de France. Bulletin official. nos, 1–8. July, 1902–Apr. 1904. *Paris*, 1902–1904. 4°.

Quarterly.

Yachting. v. 1–date. (Jan. 1907–date.) *New York*, 1907–date. f°.

Current. Monthly.

Yachtsman. v. 15–date. 1898–date. *London*, 1898–date. f°.

Yexley (Lionel). *See* **Fleet** Annual.

NAUTICAL ALMANACKS.

Boston Public Library. Almanacs, calendars, ephemerides, and nautical almanacs [in the Library]. (Bull. Boston Public Library. v. 12 (n. s. v. 4) pp. 112–127. *Boston*, 1893.)

Marcel (G.) Sur un almanach xylographique à l'usage des marins brétons. (Revue de geog. v. 47, pp. 267–278. *Paris*, 1900.)

Almanach du marin et de la France maritime. 1881–2, 1884–5, 1889–93, 1897, 1901. ann. 43–44, 46–47, 50–55, 59, 63. *Paris: Challamel ainé* [1880–1900]. 16°.

American ephemeris and nautical almanac. 1855–1898, 1903–1910. *Washington*, 1852–1907. 4°. (U. S. Nautical almanac office.)

—— Almanac for the use of navigators, from the American ephemeris and nautical almanac. 1855, 1866, 1874. *Washington*, 1853–73. 8°. (U. S. Nautical almanac office.)

1855 is called Astronomical ephemeris, etc.

—— Abridgment. By John Bliss & Co. 1877, 1889, 1893. *New York*, 1877–93. 8°.

—— —— By J. S. and J. D. Negus. 1885, 1896, 1900. *New York*, 1884–1899. 8°.

—— —— By Riggs and Brother, 1901–1902/3, Jan.–March. *Philadelphia* [1900–1901]. 8°.

—— The Pacific coasters' nautical almanac. 1898 (1.–2. ed.), 1899–1903. *Washington: Bureau of Equipment*, 1897–1902. 4°. (U. S. Nautical almanac.)

—— Report of the Superintendent of the United States Nautical almanac office, 1886/7. *Washington*, 1887. 8°. (Navy Department.)

The office was established in 1849. The annual report of the superintendent is included in the annual report of the Secretary of the navy; occasionally it is printed separately.

—— Astronomical papers prepared for the use of the American ephemeris and nautical almanac under the direction of Simon Newcomb. vol. 1–5 1-5, 6 1-3, 7 1-2. *Washington*, 1882–1895. 4°.

DAVIS (Charles Henry). Report [upon the nautical almanac, June 21, 1852]. *Cambridge: Metcalf & Co.*, 1852. 36 p. 8°. (U. S. Navy Department.)

—— Two memoranda on the objects and construction of the American ephemeris and nautical almanac. *Cambridge*, 1860. 12°.

—— Practical and scientific value of the American ephemeris and nautical almanac. *n. t.-p.* [1862?] 8°.

Annuaire du Bureau des longitudes, 1799–1802, 1804–1906. *Paris*, 1798[–1905]. 24°. (France. Longitude, Bureau des.)

Berliner astronomisches Jahrbuch für...1776–1900, 1902–08. *Berlin*, 1774–1906. 8°.

—— Supplement-Band 1–4.

—— Supplement für 1866.

—— Register von 1776–1829.

1776–1829 title: Astronomisches Jahrbuch.
1776–1867: . . . mit Genehmhaltung der Königlichen Akademie der Wissenschaften.
1784–1829 ed. by J. E. Bode; 1830–58 by J. F. Enke; 1859–66 by J. Enke and J. P. Wolfers; 1867 by Wolfers; 1868–75 by W. Foerster and K. R. Powalsky; 1876 by Foerster; 1877–83 by Foerster and F. Tietjen: 1884–97 by Tietjen; 1898–1901 by P. Lehmann; 1902–date by J. Bauschinger.

ENCKE (Johann Franz). Ueber die neuere Einrichtung des mit Genehmhaltung der Akademie herausgegebenen astronomischen Jahrbuchs. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1827. pp. 9–20. *Berlin*, 1830. 4°.)

Connaissance des temps; ou, des mouvements célestes à l'usage des astronomes et des navigateurs, 1750, 1762–1794, 1796, 1799–1908. *Paris*, 1750–1905. 12° and 8°.

First published in 1679, under the direction of l'Académie des Sciences. Edited by Lefebvre, 1678–1702; Lieutaud, 1702–1730; Godin, 1730–1734; Malardi, 1734–1763; Jeaurat, 1776–1788; Méchain, 1788–1795. After 1794 issued by the Bureau des longitudes. Various changes in title.

Deutscher Seefischerei-Almanach. Hrsg. von Deutschen Seefischereiverein. 1899–1902. *Leipzig*, 1899–1902. 16°.

Illustrierter deutscher Flotten-Kalender.... hrsg. von M. Plüddemann. Jahrg. 2. (1902.) *Minden i. W.* [1902] 12°.

Nautical (The) almanac and astronomical ephemeris 1767–1909. *London and Edinburgh*, 1766–1906. 8°. (Great Britain. Admiralty.)

—— Supplement. 1866.

—— Blunt's edition. 1831. *New York*, 1829. 8°.

—— Fry and Shawe's edition. 1845, 1847. *New York* [1844–46?]. 8°.

Nautisches Jahrbuch oder Ephemeriden und Tafeln. Jahrg. 8, 54. 1859, 1905. *Berlin*, 1857, 1902. 8°. (Germany—Innern, Reichsamt des.)

1854 has French title "Annuaire nautique, ou ephémérides et tables, etc."; it was compiled by C. Brenker and issued "auf Veranlassung des preussischen Ministeriums für Handel, Gewerbe und öffentlichen Arbeiten."

CONGRESSES AND EXHIBITIONS.

Permanent International Association of Navigation Congresses. Report of the executive committee on the general condition of the Association. *Brussels*, 1905. 8°.

—— International Association of Navigation Congresses. List of members. *Brussels*, 1906. 8°.

Paris, 1853.

Morel-Fatio (Antoine Léon). Notice des collections du Musée de Marine, exposées dans les galeries du Musée Impérial du Louvre; 1e pt.: Musée Naval. *Paris*, 1853. 8°.

London, 1862.

Paris (Edmond), *vice-admiral.* L'art naval à l'Exposition universelle de Londres de 1862... [Text and] atlas. *Paris: A. Bertrand* [1863]. 2 v. 4° and oblong 4°.

—— Supplément à L'art naval...ou, Dernières inventions maritimes. *Paris: A. Bertrand* [1864]. 2 p.l., 79 p., 11 pl. 8°.

Paris, 1867.

Paris (François Edmond), *vice-admiral.* L'art naval à l'Exposition universelle de Paris en 1867; augmenté des derniers perfectionnements et inventions maritimes jusqu'en 1869. *Paris* [1867–69]. text nar. 4°; atlas of pl., obl. f°.

Havre, 1868.

Havre. International Marine Exhibition, June 1–Oct. 31, 1868. [Rules and programme.] *Liverpool*, 1867. 8°.

Philadelphia, 1876.

United States.—*Navy Department.* Catalogue of articles and objects exhibited in the U. S. government building. *Philadelphia*, 1876. 4°.

—— —— Same, in English, French, German. *Philadelphia*, 1876. 4°.

Washington, 1889.

International Marine Conference.—(United States—State Department.) International Marine Conference held in Washington...Oct. 16...1889. Protocols of proceedings, v. 1–2. Reports of committees and report [to Sec.] of U. S. delegates, v. 3. *Washington*, 1890. 3 v. 8°.

—— Marine Conference, Washington, 1889: report prepared for the Chinese government by its delegates, Captain A. M. Bisbee, commander and lieutenant. *Shanghai*, 1898. xvii, 60, 1 l., cx pp., 2 diagr. 4°. (China. Statistical Dept. Special series: no. 24.)

English, xvii, 60 pp., 1 l. Chinese, cx pp.

Hobart, 1894.

Intercolonial Maritime Conference. Report and proceedings of the maritime conference of the principal officers of the Marine Department of the Australasian colonies, with appendix...Held at... Hobart, Tasmania, April, 1894. *Brisbane: E. Gregory, govt. prtr.*, 1894. 2 p.l., viii, 66 pp., 1 chart. f°. (In: Queensland (Aus.) Legis. Assem. Votes and proc., 1894, v. 3.)

Brussels, 1897.

Conférence internationale concernant les services sanitaires et l'hygiène des chemins de fer & de la navigation. Compte rendu des travaux de la conférence. 2. session. Bruxelles, 5–9 Sept., 1897. *Bruxelles*, 1898. 8°.

Brussels, 1898.

International Congress on Navigation (VII.) Rapports des délégués français sur les travaux du Congrès. (Septième Congrès internationale de navigation tenu à Bruxelles en 1898.) *Paris: Impr. nat.*, 1900. 2 p.l., 439 p., 12 pl. 4°. (France. Ministère des travaux publics.)

—— Der VII. internationale Schiffartkongress in Brüssel. (Zeitschr. d. Vereines deutscher Ingenieure. *Berlin*, 1898. 4°. v. 42, pp. 1094–1097; 1244–1254; 1443–1448; v. 43, p. 266–270.)

Paris, 1900.

International congress on navigation, VIII. Compte rendu des travaux du Congrès international de navigation. *Paris*, 1901. 4°.

—— Commission d'étude pour l'élaboration d'un projet d'organisation permanente des Congrès... Rapport présenté par le bureau de la commission provisoire. *Paris: Impr. gen. Lahure*, 1900. 1 p.l., 19 p. 4°.

—— [3 circulars concerning the organization, list of members, etc., the of congsres.] *Paris*, 1899–1900. 4°. (France.—Ministère du commerce, &c. Exposition universelle de 1900. Direction générale.)

Flamm (Oswald). Der Schiffbau auf der Weltausstellung zu Paris 1900. (Verhandl. d. Vereins z. Beförderung d. Gewerbfleisses. Abhandl. pt. 2. Jahrg. 79, pp. 112–127. *Berlin*, 1901.)

Schromm (A.) Der VIII. internationale Schiffahrts-Congress in Paris 1900. (Ztsch. d. oesterr. Ingenieur- u Architekten Vereines. Jahrg. 53, pp. 22–26. *Wien*, 1901.)

Rudolph (A.) Die Weltausstellung in Paris 1900. Schiffahrt und Küstenbeleuchtung. (Ztsch. d. Vereines deuts. Ingenieure. v. 44, pp. 721–724, 1128–1132; v. 45, pp. 129–133, 694–698, 1520–1526; v. 46, pp. 524–531, 596–599. *Berlin*, 1900–1901.)

The Hague, 1900.

Laughton (J. K.) The naval exhibition at the Hague. 2 pl., 3 port. (Monthly Rev. 1900, no. 2, pp. 67–82. *London*, 1900.)

Düsseldorf, 1902.

Congrès (IXe) international de navigation tenu à Düsseldorf en 1902. Rapports des délégués français sur les travaux du Congrès. (Annales d. ponts & chaussées. Mém. & doc. sér. 8, v. 9, pt. 1, pp. 5–211. *Paris*, 1903.)

Sachsenberg (Gotthard). Das Material und die Werkzeuge für den Schiffbau auf der Düsseldorfer Ausstellung. 5 pl. (Jahrb. d. Schiffbautech. Gesellsch. v. 4, pp. 156–234. *Berlin*, 1903.)

Simonot (Ernest). L'industrie des constructions navales à l'Exposition régionale allemande de Dusseldorf en 1902. 3 pl. (Mém. du génie maritime. sér. 3, no. 4, pp. 105–118. *Paris*, 1902.)

NAUTICAL DICTIONARIES.

Polyglott.

Stratico (S.) Vocabulario di marina, italiano, francese, inglese. *Milano*, 1813–14. 3 v. 4°.

Dictionaries, cont'd.

Jal (A.) Glossaire nautique; répertoire polyglotte de termes de marine anciens et modernes. *Paris*, 1848. 4°.

Reehorst (Karel Pieter). The mariner's friend; or, Polyglot indispensable and technical dictionary of upwards four thousand five hundred nautical... terms...in ten...languages... *Kampen: The Author*, 1849. 2 p.l., ii, xvi, ii p., 202 (1) l., xli p., 1 folded tab. ob. 24°.

Bonnefoux (Pierre Marie Joseph de), *baron, and* F. E. Paris. Dictionnaire de marine à voiles et à vapeur. *Paris: A. Bertrand* [186–?]. x, 738, 16 p., 1 plan, 16 pl. 2. ed. 4°.

Text and definitions are in French; synonyms are given for most modern European tongues.
Earlier editions in 1827 and 1848.

Lorenzo (José de), **Murga** (G. de), *and* **Ferreiro** (M.) Diccionario maritimo español, que además de las voces de navegacion y maniobra en los buques de vela, contiene las equivalencias en francès, inglès é italiano, y las mas usadas en los buques de vapor, formado con presencia los mejores datos publicados hasta el dia. *Madrid: T. Fortanet*, 1864. 546, 1 l., 74 p., 1 l. 8°.

Nautisch-technisches Wörterbuch der Marine. Deutsch, italienisch, französisch und Englisch...Bd. 1, with Ergänzung. *Pola: "Mittheilungen aus dem Gebiete des Seewesens,"* 1883–1900. 2 v. 8°.

With title-page in Italian also: Dizionario technico e nautico di marina...
Bd. 1, bearbeitet von P. E. Dabovich.
Bd. 1, Ergänzung, bearbeitet von J. Heinz.

Paasch (H.) From keel to truck; a marine dictionary in English, French and German...*Antwerp*, 1885. 8°.

Corazzini (F.) Vocabulario nautico italiano con le voci corrispondenti in latino, greco, francese, inglese, portoghese, spagnolo & tedesco compilato per commissione del Ministero della Regia Marina. *Torino, Bologna: l'autore*, 1900–1907. 7 v. 8°.

Wolfhagen (H.) Marine-Ordbog. I. Maritime Udtryk paa Dansk, Engelsk, Fransk, Tysk. II. Sproglige Vink paa Engelsk, Fransk, Tysk. *Köbenhavn: J. Lund*, 1903–04. liv, 145–664 p. 12°.

Chinese.

China.—*Statistical Department.* Glossary of the principal Chinese technical expressions occurring in the Chinese versions of lists of lights and notices to mariners. (Revised edition, 1898.) With an appendix. *Shanghai*, 1898. 19 p. 8°.

Dutch.

Gocvic (E.), *and* H. G. Jansen. Dictionnaire universel, historique et raisonné, français-hollandais de marine et de l'art militaire. *La Haye: Les Frères van Cleef*, 1844. 1 p.l., x, 668 p. 4°.

Lennep (Jacob van). Zeemans-woordeboek, behelzende een verklaring der woorden by de sheepvaart en den handel in gebruik en een opgave der algemeene wetsbepalingen, daartoe betrekkelijk en der spreekwijzen, daaran ontleend... *Amsterdam: Gebroeders Binger*, 1856. xii, 283 p. 8°.

Modera (J.) Onderlinge vergelijking der Nederlandsche Werken over de zeetaktiek en der seinboeken voor der Nederlandsche zeemagt von 1808 en von 1855; in alphabetische orde zamengesteld... *Te Amsterdam: Wed. G. Hulst van Keulen*, 1856. 61 p., 1 pl. 8°.

Overgedruckt uit de Verhandelingen en Berigten Betrekkelijk het Zeewezen en de Zeevaartskunde, door Jacob Swart, Jaargang 1856, no. 1.

Rees (P. A. van). Engelsch-Nederduitsch technisch marine-woordenboek...*Rotterdam: H. Nijgh*, 1861. 2 p.l., v-xii, 386 p., 2 l. 12°.

Tideman (B. J.) Woordenboek van scheepsbouw, bestemd om als handboek te dienen voor zee-officieren, ingenieurs... enz... *Vlissingen: P. G. de Veij Mestdagh*, 1861. viii, 447 p., 6 pl. 8°.

English and American.

Smith (Captain John). The seaman's...Grammar and dictionary, explaining all the difficult terms in navigation; and the practical navigator and gunner; in two parts... *London: R. Taylor*, 1691. 5 p.l., 163 p., 1 pl. 4°.

—— —— *London: T. Doing and B. Griffin*, 1692. 4 p.l., 163 p., 1 pl. 4°.

Guillet de St. George (G.) The gentleman's dictionary. In three parts. Viz.: I. The art of riding the great horse... II. The military art... III. The art of navigation... With large additions . .and above forty...cuts...not in the original. *London: H. Bonwicke*, 1705. 191 l. 12°.

Blanckley (Thomas Riley). A naval expositor, shewing and explaining the words and terms of art belonging to...a ship...*London: E. Owen*, 1750. 4 p.l., 191 p. illus. 8°.

Falconer (William). An universal dictionary of the marine; or, A copious explanation of the technical terms and phrases employed in the construction, equipment, furniture, machinery, movements, and military operations of a ship...To which is annexed, a translation of the French sea-terms and phrases... *London: T. Cadell*, 1769. 222 l., 12 pl. 4°.

—— An universal dictionary of the marine. *London: T. Cadell*, 1784. new ed. 234 l., 12 pl. 4°.

See also below under 1804.

Lescallier (Daniel). Vocabulaire des termes de marine anglois-françois et françois-anglois. *Paris*, 1800. 8°.

Moore (J. J.) The British mariner's vocabulary or universal dictionary of technical terms and sea phrases, with plates. *London*, 1801. 12°.

Falconer (William). The mariner's new and complete naval dictionary, in two parts. Part I. being a copious vocabulary of the British marine... Part II., a modern French marine dictionary... Revised by J. W. Norie. *London: J. Badcock*, 1804. 1 p.l., v–viii, 484 p., 9 pl., 2 port. 3. ed. 8°.

Earlier editions noted under 1769 and 1784.

Marine pocket dictionary. English and Italian. *Messina*, 1811. 8°.

Gascoigne (Henry Barnet). Index of nautical terms and phrases. (In his: Gascoigne's path to naval fame, the second edition... *Warwich*, 1825. 8°. pp. 163–180.)

Bonnefoux (Pierre Marie Joseph de), *baron.* Nouvelles séances nautiques... Suivi d'une appendice contenant... 3º Un recueil français-anglais de phrases nautiques. *Paris: Bachelier*, 1827. xi, 368 p., 1 plan. 8°.

A later edition noted under 1848.

Dictionaries—English, cont'd.

MacCulloch (J. R.) A dictionary, practical, theoretical and historical of commerce and commercial navigation...A new ed...with supplement bringing down the work to 1840. *London: Longman, &c.*, 18[40]. xvi, 1269; 152 p., 4 maps. 8°.

Roebuck (Thomas). An English and Hindoostanee naval dictionary. 4. ed. (In: SMYTH, W. C. Hindoostanee interpreter. *London*, 1841. 8°.)

Bonnefoux (Pierre Marie Joseph), *baron*, and FRANÇOIS EDMOND PARIS. Dictionnaire de marine à voiles et à vapeur; publié sous les auspices de... Baron de Mackin. *Paris: A. Bertrand* [1848–51]. 2 v. 17 pl. illus. 4°.
An earlier edition noted under 1827.

Martinez de Espinosa y Tacon (Juan José). Diccionario marino Español-Inglés, Inglés-Español. Para el uso del colegio naval. *Madrid: J. M. Alegria*, 1849. 2 v. 8°.

Burn (Robert). A naval and military technical dictionary of the French language. *London*, 1852. 8°.
5. ed. noted under 1870.

Dana (Richard Henry). The seaman's friend: containing a treatise on practical seamanship... A dictionary of sea terms; customs and usages of the merchant service; laws relating to the practical duties of master and mariners. *Boston: T. Groom & Co.*, 1857. 2 l., viii, 13–225 p., 4 pl. 12°.

Rees (P. A. van). Engelsch-Nederduitsch technische marine-woordenboek. *Rotterdam: H. Nijgh*, 1861. 2 p.l., v–xii, 386 p., 2 l. 12°.

Bussy (Charles de). Dictionnaire universel de marine... avec la traduction des termes de la marine française en termes de la marine anglais. *Paris: Didot Frères, Fils et Cie.*, 1862. 1 p.l., ii, 409 p. 12°.

Totten (Benjamin J.) Naval text-book, and dictionary, for the use of midshipmen of the U. S. navy. *New York*, 1862. new ed. rev. 12°.

Young (Arthur). Nautical dictionary... With an appendix containing the international regulations for preventing collisions at sea, and a vocabulary of French terms. By A. Young assisted ... by J. Brisbane. *London: Longmans, Green, Longman...*, 1863. ix, 492 p., 5 pl. illus. 2. ed. 8°.

Lorenzo (José de), **Murga** (G. de), *and* **Ferreiro** (M.) Diccionario maritimo español, que...contiene las equivalencias en francès, inglès e italiano ... *Madrid: T. Fortanet*, 1864. 546, 1 l., 74 p., 1 l. 8°.

Smyth (W. H.), *Admiral.* The sailor's word-book...nautical terms...some...especially military and scientific, but useful to seamen; ...archaisms of early voyagers, etc. Revised for the press by S. E. Belcher. *London: Blackie & Son*, 1867. vi, 744 p. 8°.

Lutschaunig (Alfred). New Spanish and English nautical, maritime, and technical dictionary. *London and Liverpool*, 1869. 16°.

Burn (Robert). A naval and military technical dictionary of the French language. *London*, 1870. 5. ed. 12°.
1. ed. noted under 1852.

Roebuck (Thomas). A Laskari dictionary; or, Anglo-Indian vocabulary of nautical terms and phrases in English and Hindustani. Chiefly in the corrupt jargon in use among Laskars ... compiled by T. Roebuck, revised and corrected by W. C. Smyth ... re-edited and enlarged by G. Small. *London: W. H. Allen & Co.*, 1882. viii, 85 p. 12°.

Russell (William Clark). Sailors' language. A collection of sea-terms and their definitions. *London: S. Low, Marston, Searle & Rivington*, 1883. xvi, 164 p., 6 pl. 12°.

Witcomb (Henry), *and* E. TIRET. Dictionnaire des termes de marine français-anglais & anglais-français. *Paris: Challamel ainé*, 1883. 2 v. 8°.
v. 1, Français-anglais;
v 2, English-French, with t.-p. in English.

Naval (A) encyclopædia: comprising a Dictionary of nautical words and phrases; biographical notices, and records of naval officers; special articles on naval art and science written expressly for this work by officers and others of recognized authority in the branches treated by them. Together with descriptions of the principal naval stations and seaports of the world. Complete in one volume. *Philadelphia: L. R. Hamersly & Co.*, 1884. viii, 13–872 p. 4°.

Legrand (Alfred). Manuel français-anglais de termes & locutions de marine á l'usage des candidats à l'école navale des elèves de cette école et des officiers de la flotte. *Paris: Mesnil-Dramard et Cie.*, 1889. viii, 122 p., 1 l. 8°.

Picard (Ernest), *and* S. R. FREMANTLE. Nautical terms and phrases in French and English. *Portsmouth: J. Griffin & Co.*, 1890. viii, 165 p. 12°.

Anstruther (Robert H.), *and* R. SETTEMBRINI. Sea-faring phrases and technical terms, English and Italian, for the use of naval officers. *Portsmouth: J. Griffin & Co.*, 1894. 5 p.l., 134 pp., 18 pl. 12°.
T.-p. also in Italian.

Cowan (Frank). Contributions to a sailor's dictionary. A list of words in use among English-speaking seamen, few of which are in any dictionary of the English language. *Greenesburgh, Pa.: the Oliver Pub. House*, 1894. 1 p.l., 18 pp. 8°.

—— A dictionary of the proverbs and proverbial phrases of the English language relating to the sea, and such associated subjects as fish, fishing, ice, island, navigation, pearl, river, sailor, salt, shell-fish, ship, water, weather, and whale. With notes, explanatory, historic, and etymologic...to the present time. *Greenesburgh, Pa.: Oliver Pub. House*, 1894. 2 p.l., 144 pp. 8°.

Pirrie (W.) A technical dictionary (English-French and French-English) of sea terms, phrases and words in the English and French languages. *London: C. Lockwood & Sons*, 1895. viii, 354 p. 12°.

Terry y Rivas (Antonio). Diccionario marítimo inglés-español y vocabulario marítimo español-inglés. Obra útil para las marinas militar y mercante, cónsules, armadores, consignatarios, maquinistas navales, agentes comerciales, sociedades de seguros, etc. *Madrid: Ministerio de Marina*, 1896. iii–vii, 371 p., 1 l. 8°.

Harbord (*Rev.* John Bradley). Glossary of navigation. A vade mecum for practical navigators. Third edition...edited by H. B. Goodwin. *Portsmouth: Griffin & Co.*, 1897. 1 p.l., x, 1 l., 512 p., illus., 7 diag. sq. 24°.

Dictionaries—English, cont'd.

Ansted (A.) A dictionary of sea terms for the use of yachtsmen, amateur boatmen, and beginners. *London: L. V. Gill*, 1898. iv, 320 p. 8°.

Pornain (E.) Termes nautiques. (Sea terms.) Anglais-Francais. *Paris: A. Challamel*, 1899. xvi, 183 p. 5. ed. 16°.

Thomas (N. W.) The naval word book: Ein systematisches Wörterbuch marine-technischer Ausdrücke in englischer und deutscher Sprache. *Kiel: Lipsius & Tischer*, 1899. xiii, 146 p. 12°.

Patterson (Howard). Patterson's illustrated nautical encyclopedia. Revised...edition... A work of reference for naval, revenue, coast survey, transport and lighthouse services... *Cleveland, O.: The Marine Review Pub. Co.* [cop. 1901.] 17 p.l., 41–514 p., 1 port. 4°.

Delbos (Leon). Nautical terms in English and French and French and English, with notes and tables... *London: Williams & Norgate*, 1902. xiii, 462 p., 4 pl. 4. ed. 12°.

Wisser (John Philip), *and* HENRY C. GAUSS. A military and naval dictionary... Compiled by Major J. P. Wisser and H. C. Gauss. *New York: L. R. Hamersly Co.*, 1905. 175 p. 12°.

French.

Aubin, —— (Protestant minister of Loudun). Dictionnaire de marine. *Amsterdam*, 1702. col. pl. illus. 4°.

Duhamel du Monceau (Henri Louis). Explication des termes d'Art qui se trouvent dans cet Ouvrage. (In his: Traité de la fabrique des manœuvres pour les vaisseaux. *Paris*, 1749. pt. 1, pp. 483–464.)

Savérien (Alexandre). Dictionnaire historique, théorique et pratique de marine. *Paris: C. A. Jombert*, 1768. 2 v. pl. 8°.

Vial du Clairbois (Honoré Sébastien), *and* BLONDEAU. Marine. *Paris*, 1783–87. 3 v. 4°. (Encyclopédie méthodique.)

Romme (Charles). Dictionnaire de la marine Française avec figures. *Paris*, 1792. 8°.

Second edition noted under 1813.

Bourdé de Villehuet (J.) Manuel des marins, ou dictionnaire des termes de marine. *Amsterdam*, An VII [*i. e.*, 1799]. 2 v. in 1. 8°.

Author entry in Cogswell.

Lescallier (D.) Vocabulaire des termes de marine anglois-françois et françois-anglois. *Paris*, 1800. 8°.

Falconer (William). The mariner's new and complete naval dictionary... Part II., a modern French marine dictionary... Revised by J. W. Norie. *London: J. Badcock*, 1804. 1 p.l., v–viii, 484 p., 9 pl., 2 port. 3. ed. 8°.

Romme (Charles). Dictionnaire de la marine françoise, avec figures. *Paris: Barrois*, 1813. viii, 564 p., 7 pl. 2. ed. 8°.

First edition noted under 1792.

Bonnefoux (P. M. I. de), *baron*. Nouvelles séances nautiques...suivi d'une appendice contenant: 1°, Un vocabulaire français-anglais de termes de marine; 2°, Un choix de commandemens employés à bord...3°, Un recueil français-anglais de phrases nautiques. *Paris: Bachelier*, 1827. xi, 368 p., 1 plan. 8°.

A later edition noted under 1848.

Willaumez. Dictionnaire de marine. 3. éd. corrigée et considérablement augmentée. 3 l., 579 p., 1 l., 8 pl. *Paris: Bachelier, père et fils*, 1831. 8°.

Gocvic (E.), *and* H. G. JANSEN. Dictionnaire universel, historique et raisonné, français-hollandais de marine et de l'art militaire... *La Haye: Les Frères van Cleef*, 1844. 1 p.l., x, 668 p. 4°.

Montferrier (Alexandre André Victor Sarrasin), *and* C. RIGAULT DE GENOUILLY. Dictionnaire universel et raisonné de marine... *Paris: A. J. Dénain*, 1846. 2 p.l., 711 p., xviii pl. 2. ed. f°.

Bonnefoux (Pierre Marie Joseph), *baron*, *and* FRANÇOIS EDMOND PARIS. Dictionnaire de marine à voiles et à vapeur; publié sous les auspices de... Baron de Mackau. *Paris: A. Bertrand* [1848–51]. 2 v. 17 pl., illus. 4°.

An earlier edition noted under 1827, and a later under 1860.

Dictionnaire universel théorique et pratique du commerce et de la navigation... *Paris: Guillaumin & Cie.*, 1851–61. 2 v. nar. 4°.

Burn (Robert). A naval and military technical dictionary of the French language. *London*, 1852. 8°.

Fifth edition noted under 1870.

La Landelle (G. J. G. de). Le langage des marins. *Paris*, 1859. 8°.

Bonnefoux (Pierre Marie Joseph de), *baron*, *and* F. E. PARIS. Dictionnaire de marine à voiles et à vapeur. *Paris: A. Bertrand* [186–]. x, 738, 16 p., 1 plan, 16 pl. 2. ed. 4°.

First edition noted under 1848, and an earlier issue under 1827.

Bussy (Charles de). Dictionnaire universel de marine...avec la traduction des termes de la marine française en termes de la marine anglais. *Paris: Didot Frères, Fils et Cie.*, 1862. 1 p.l., ii, 409 pp. 12°.

Young (Arthur). Nautical dictionary...and a vocabulary of French terms. By A. Young assisted ...by J. Brisbane. *London: Longmans*, 1863. ix, 492 p., 5 pl. illus. 2. ed. 8°.

Lorenzo (José de), **Murga** (G. de), *and* **Ferreiro** (M.) Diccionario maritimo español, que además de las voces de navegacion y maniobra en los buques de vela, contiene las equivalencias en francès, inglès é italiano, y las mas usadas en los buques de vapor, formado con presencia los mejores datos publicados hasta el dia. *Madrid: T. Fortanet*, 1864. 546, 1 l., 74 p., 1 l. 8°.

Burn (Robert). A naval and military technical dictionary of the French language. *London*, 1870. 5. ed. 12°.

1. ed. noted under 1852.

Fincati (Luigi). Dizionario di marina italiano francese e francese italiano. *Genova: L. Beuf*, 1870. 380 p., 1 l. 16°.

Whitcomb (Henry), *and* E. TIRET. Dictionnaire des termes de marine français-anglais & anglais-français. *Paris: Challamel ainé*, 1883. 2 v. 8°.

V. 1, Français-anglais; v. 2, English-French, with t.-p in English.

Legrand (Alfred). Manuel français-anglais de termes & locutions de marine à l'usage des can-

Dictionaries—French, cont'd.

didats à l'école navale des elèves de cette école et des officiers de la flotte. *Paris : Mesnil-Dramard et Cie.*, 1889. viii, 122 p., 1 l. 8°.

Picard (Ernest), *and* S. R. FREMANTLE. Nautical terms and phrases in French and English. *Portsmouth: J. Griffin & Co.*, 1890. viii, 165 pp. 12°.

Pirrie (W.) A technical dictionary (English-French and French-English) of sea terms, phrases and words in the English and French languages. *London: E. Lockwood & Son*, 1895. viii, 354 pp. 12°.

Pornain (E.) Termes nautiques. (Sea terms.) Anglais-Français... *Paris : A. Challamel*, 1899. xvi, 183. 5. ed. sq. 16°.

Delbos (Leon). Nautical terms in English and French and French and English, with notes and tables... *London: Williams & Norgate*, 1902. xiii, 462 p., 4 pl. 4. ed. 12°.

Saggau (Heinrich Friedrich Karl). *Die Benennungen der Schiffsteile und Schiffsgeräte im Neufranzösischen... *Kiel : Vollbehr & Riepen*, 1905. 135 (1) p. 8°.

Bibliography, p. 7-8.

Soé (G.), **Dupont** (J.), *and* **Roussin** (O.) Vocabulaire des termes de marine. Yachting à voile. Yachting à vapeur. Yachting automobile. *Paris: Journal de la Marine "Le Yacht"* [1906]. vii, 565 (1) p., 1 l., 3 plans. illus. 12°.

German.

Roeding (Johann Heinrich). Allgemeines Wörterbuch der Marine. *Hamburg : L. Nemnich* [1794–'98]. 3 v. 4°.

Thomas (N. W.) The naval word book: Ein systematisches Wörterbuch marine-technische Ausdrücke in englischer und deutscher Sprache. *Kiel : Lipsius & Tischer*, 1899. xiii, 146 pp. 12°.

Deutsches Seemännisches Wörterbuch... herausgegeben von A. Stenzel. *Berlin: E. S. Mittler & Sohn*, 1904. xv, 484 p., 6 pl. 4°. (Germany. Marine-Amt.)

Hindustani.

Roebuck (Thomas). An English and Hindoostanee naval dictionary. 4. ed. (In: SMYTH, W. C. Hindoostanee interpreter. *London*, 1841. 8°.)

—— A Laskari dictionary; or, Anglo-Indian vocabulary of nautical terms and phrases in English and Hindustani. Chiefly in the corrupt jargon in use among Laskars...compiled by T. Roebuck, revised and corrected by W. C. Smyth...re-edited and enlarged by G. Small. *London: W. H. Allen & Co.*, 1882. viii, 85 p. 12°.

Italian.

Marine pocket dictionary, English and Italian. *Messina*, 1811. 8°.

Fincati (Luigi). Dizionari di marina italiano-francese, e francese-italiano. *Genova : L. Beuf*, 1870. 380 p., 1 l. 16°.

Guglielmotti (Alberto). Vocabolario marino e militare. *Roma : V. Carlo*, 1889. 1 p.l., 1008 p., 1 l. 4°.

Anstruther (Robert H.), *and* R. SETTEMBRINI. Sea-faring phrases and technical terms, English and Italian, for the use of naval officers. *Portsmouth: J. Griffin & Co.*, 1894. 5 p.l., 134 p., 18 pl. 12°.

Title in Italian and English.

Corazzini (F.) Vocabulario nautico italiano. *Torino, Bologna*, 1900–1907. 7 v. 8°.

Norwegian.

Berg (C. F.) Ordbog for Skibsredere, Skibsförere, og Styrmaend, omarbejdet af A. Conradi og A. Winge. *Porsgrund : H. J. Dyring*, 1897. 2 p.l., 858 p. 7. ed. 8°.

Spanish.

Martinez de Espinosa y Tacon (Juan José). Diccionario marino Español-Inglés [and] Inglés-Español para el uso del colegio naval. *Madrid: J. M. Alegria*, 1849. 2 v. 8°.

Lorenzo (José de), **Murga** (G. de), *and* **Ferreiro** (M.) Diccionario Maritimo español, que además de las voces de navigacion y maniobra en los buques de vela, contiene las equivalencias en francès, inglés é italiano, y las mas usadas en los buques de vapor, formado con presencia los mejores datos publicados hasta el dia. *Madrid: J. Fortanet*, 1864. 546, 1 l., 74 p., 1 l. 8°.

Lutschaunig (Alfred). New Spanish and English nautical, maritime, and technical dictionary. *London and Liverpool*, 1869. 16°.

Terry y Rivas (Antonio). Diccionario maritimo inglés-español. Obra util para las marinas militar y mercante, consules, armadores, consignatarios, maquinistas navales, agentes comerciales, sociedades de seguros, etc. *Madrid: Ministerio de Marina*, 1896. iii–vii, 371 p., 1 l. 8°.

Quijano (José Diaz de). Diccionario enciclopédico de marina compuesto según los datos más recientes y con la colaboracion de distinguidos escritores. t. 1. *Madrid : "Revista de Navegación y Comercio,"* 1897. 1 v. 4°.

Swedish.

R[ingströ]m (J. E.) Sjölags och seglations lexicon. *Stockholm : Marquardska Tryckeriet*, 1816. 2 pts. in 1 v. 3 l., 95, 115 p. 8°.

HISTORY.

Almagià (Roberto). Sulla dottrina della marea nell' antichità classica e nel medio evo. (Cong. internaz. di sci. storiche, 1903, Atti, v. 12, sez. 8: (Storia delle sci. fis., mat. nat. e med.) pp. 151–164. *Roma*, 1904.)

Amat di San Filippo (P.) Biografia dei viaggiatori italiani colla bibliografia delle loro opere. *Roma*, 1882. 2. ed. 8°. (Società Geografica Italiani, Stud. Biog. e Bibl., v. 1.)

American (The) traveller; being a new historical collection... from original memoirs ... containing...the rise, progress ... of navigation, the use ... of the loadstone ... *London: J. Fuller*, 1743. 1 p.l., 398 p., 3 pl., 1 port. 4°.

Ancona (Ugo). La nave moderna. (Nuova antologia. ser. 44, v. 99, pp. 713–722. *Roma*, 1902.)

History, cont'd.

Azuni (D. A.) Dissertation sur l'origine de la boussole. *Paris*, 1809. 2. ed. 8°.

—— Mémoires pour servir à l'histoire des voyages maritimes des anciens navigateurs de Marseille. *Gênes: H. Bonaudo*, 1813. xx, 204 p. 8°.

Baïf (Lazarre de). De re navali libellus... ex Bayfii vigiliis excerptus... Addita... vulgari vocabularum significatione. *Lugduni: Apud hæredes S. Vincentii*, 1537. 72 p., 8 l. 8°.

—— L Bayfii annotationes in L. II. de captivis & postliminio reversis: in quibus tractatur de re navali... *Lutetiæ: R. Stephanus*, 1549. 152, 4 l., 176 p., 6 l. 4°.

Balmer (Hans.) Die Romfahrt des Apostels Paulus und die Seefahrtskunde im römischen Kaiserzeitalter. Mit... Text-illustrationen... *Bern-Münchenbuchsee: E. Sutermeister*, 1905. 520 p. illus. 8°.

Barras de la Penne ([Jean Antoine] de). Lettre critique de M. de Barras de la Penne... ecrite à M. le Bailly de * * *... au sujet d'un livre intitulé "Nouvelles decouvertes sur la guerre, &c. [by J. C. de Folard]"; avec des remarques critiques sur les trois nouveaux systemes des triremes ou vaisseaux de guerre des anciens... *Marseille: J.-B. Boy*, 1727. 2 p.l., 60 pp. illus. f°.

Bartolucci (Domenico Elvezio). Della milizia marittima degli antichi fino al perfezionamento delle artiglieri. Studi storice... con illustrazioni e alcuni cenni biografici intorno a tre... scrittori del medio evo. [Egidio Colonna, Marino Sanuto, Christina da Pizzano.] *Firenze: G. B. Campolmi*, 1859. 294 p., 1 l. 8°.

Bechi (Stanislao). Istoria dell' origine, e progressi della nautica antica. *Firenze: Giuseppe Tofani*, 1785. iv, 305 p., 1 l. 4°.

Berghaus (Heinrich Karl Wilhelm). Abriss einer Geschichte der geographischen Entdeckungen von den ältesten Zeiten bis zur Gegenwart. *Berlin*, 1857. 8°.

Bertelli (P. Timoteo). Sulle recenti controversie intorno all' origine della bussola nautica. (Rivista geog. italiana. annata 9. pp. 281–298; 353–367; 409–424. *Roma*, 1902.)

—— Sopra un nuovo supposto primo inventore della bussola nautica. (Rivista geog. ital. anno 11, pp. 435–452. *Firenze*, 1904.)

Bigoni (Guido). I Fenici nella storia del commercio... *Genova: A. Ciminago*, 1896. 26 p. 8°.
Repr.: Giornal della Soc. di letture, fasc. 1, 1896.

Breusing (A.) Die Nautik der Alten. *Bremen: C Schunemann*, 1886. 8°.

Britannia triumphant; or, An account of the sea-fights and victories of the English nation, from the earliest times, down to the conclusion of the late war... to which is prefixed a large introduction, containing the history of navigation... By a Society of Naval Gentlemen... *London: R. James*, 1777. 276 p., 6 port. new ed. 8°.

Canale (Michele Giuseppe). Degli antichi navigatori e scopritori Genovesi. *Genova: Ferrando*, 1846. 16 p. 8°.

Candido Lusitano (Fereire F. T.) Vida do Infante D. Henrique. *Lisboa: F. L. Ameno*, 1758. 8 p.l., 394 p., 1 l., 1 port. 4°.

Chaboseau (A.) L'invention de la boussole moderne. (Rev. scientif. sér. 4, v. 20, pp. 139–142. *Paris*, 1903.)

Clarke (J. S.) The progress of maritime discovery from the earliest period to the close of the eighteenth century. *London*, 1803. 2 v. in 1. 4°.

Contesse (Georges). La marine d'autrefois... avec une lettre-préface du vice-amiral Miot. *Tours: A. Mame et fils*, 1897. 398 p., 1 l. illus. 4°.

Cooley (William Desborough). The history of maritime and inland discovery. *London: Longmans*, 1830. 3 v. 8°. (Lardner's Cabinet Cyclopædia, v. 80–82.)

Corazzini di Bulciano (F.) Storia della marina militare antica... *Catania: l'Autore*, 1892–98. 6 v. in 3. 8°.
v. 3–6 have title Storia della marina militare e commerciale...
v. 2–4 published in Firenze; v. 5–6 in Torino.

Cowper (Henry Swainson). A fifteenth century planispheric astrolabe, made at Granada. 3 plates. (Royal Asiatic soc. Jour. 1904. pp. 53–66. *London*, 1904.)

Development (The) of navigation in Japan. (Far East. v. 1, no. 6, pp. 1–7. *Tokyo*, 1896.)

Dolet (Etienne). Stephani Doleti. De re navali liber ad Lazarum Bayfium. *Lugduni: Apud Seb. Gryphium*, 1537. 14 p.l., 189 (1) p. 4°.

Du Perier (M.) A general history of all voyages and travels throughout the old and new world. *London*, 1708. 8°.

Estancelin (L.) Recherches sur les Voyages et découvertes des navigateurs normands en Afrique, dans les Indes Orientales et en Amérique. *Paris*, 1832. 8°.

Fitzer (Emil). Die wirtschaftliche und technische Entwicklung der Seeschiffahrt von der Mitte des 19. Jahrhunderts bis auf die Gegenwart; mit einer Vorbemerkung von C. Franke. *Leipzig: Duncker & Humblot*, 1902. 11, 141 p. 8°. (Verein für Socialpolitik. Schriften, v. 103, pt. 1. Die Lage der in der Seeschiffahrt beschäftigten Arbeiter, Bd. 1, Abt. 1.)

Ford (Thomas G.) The dawn of navigation and its books, theories and instruments. (Proc. U. S. Naval Inst. v. 32, pp. 209–284. *Annapolis*, 1906.)

Formaleoni (Vincenzio). Saggio sulla nautica antica de' Veneziani, con una illustrazione d'alcune carte idrografiche antiche della biblioteca di S. Marco, che dimonstrano l'isole Antille prima della scoperta di Cristoforo Colombo. *Venezia: Presso l'Autore*, 1783. 6 p.l., 3–60, 64 p., 2 diagrams, 2 maps. 8°.

—— Histoire de la navegacion, del commercio y de las Colonias de los Pueblos antiguos en el Mar Negro, traducido al Español. *Méjico*, 1828. 2 v. 8°.

—— Essai sur la marine ancienne des Vénitiens dans lequel on a mis au jour plusieurs cartes tirées de la Bibliothèque de St. Marc, antérieures à la découverte de Christophe Colomb & qui indiquent clairement l'existence des iles Antilles. . Traduit de l'Italien par le chevalier d'Henin. *Venise: Formaleoni*, 1788. 1 p.l., 5–168 p., 1 l., 4 pl. 8°.

From astrolabe to quadrant. illus. (Scottish geog. mag. v. 14, pp. 357–363. *Edinburgh*, 1898.)

History, cont'd.

Galvano (Antonio). Discoveries of the world from their first original unto 1555. (In: Clarke, J. S. Prog. of mar. discov., 1803.)

—— [Same] published in England, by Richard Hakluyt (1601); reprinted with the original Portuguese text; edited by Vice-Admiral Bethune. (Hakluyt Soc. Pub., v. 30.) *London*, 1862. 8°.

Gavotti (G.) La tattica nelle grandi battaglia navali da Temistocle a Ito. Parte 1–4. *Roma: Forzani e C.*, 1898. 2 v. in 1. 8°.

Pte. 1–2. Poliremi e navi a vela.
" 3–4. Navi a vapore.

Gelcich (Eugen). Studien über die Entwickelungs-Geschichte der Schiffahrt mit besonderer Berücksichtigung der nautischen Wissenschaften, nebst einem Anhang über die nautische Literatur des xvi. und xvii. Jahrhunderts... *Laibach: I. v. Kleinmayr & F. Bamberg*, 1882. xi, 213 p. 8°.

—— Die Schlussrechnung bei der Längenbestimmung aus Monddistanzen vor dem Erscheinen des "Nautical Almanach." (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 27, pp. 191–201. *Berlin*, 1899.)

Ghillany (F. W.) Geschichte des Seefahrers Ritter Martin Behaim nach den ältesten vorhandenen Urkunden bearb... Ueber die ältesten Karten des neuen Continents und den Namen Amerika von Alex. V. Humboldt. *Nürnberg*, 1853. port f°.

Giraldus (Lilius Gregorius). Lilii Gregorii Gyraldi Ferrariensis, de re nautica libellus, admiranda quadam & recondita eruditione refertus, nunc primum & natus & æditus. *Basileæ: M. Isingrinus*, 1540. 3 p.l., 306 p. 8°.

Goodrich (Frank Boott). Man upon the sea: or, A history of maritime adventure and discovery, from the earliest ages to the present time,.. remarkable voyages, ancient as well as modern... *Philadelphia: J. B. Lippincott & Co.*, 1858. 560 p., 24 pl., 1 port. 8°.

—— Remarkable voyages; or, Man upon the sea. *Philadelphia*, 1873. illus. pl. 8°.

Graser (B.) De veterum re navali. *Berolini: S. Calvary eiusque Socium*, 1864. 2 p.l., 95 p. 5 pl. sq. 4°.

Hall (William). Navigation a century ago, with some reflections. (Nautical Maga. v. 71, pp. 288–296. *London*, 1902.)

Hazard (D. L.) Early history of the mariner's compass and earliest knowledge of the magnetic declination according to Bertelli: (Terrest. Magnetism. v. 8, pp. 179–183. *Baltimore*, 1903.)

Henk (L. von). Die Kriegführung zur See in ihren wichtigsten Epochen. *Berlin: O. Janke*, 1884. 4 p.l., 373 (1) p., 2 l. 2. ed. 8°.

Hirth (Friederich). Origin of the mariners' compass in China. (Monist. v. 16, pp. 321–330. *Chicago*, 1906.)

Hodge (W.) Papers concerning early navigation on the Great Lakes. I. Recollections of Capt. David Wilkerson. II. The pioneer Lake Erie steamboats, Walk-in-the-water and Superior. *Buffalo: Bigelow Bros., printers*, 1883. 44 p. 8°.

Huet (Pierre Daniel). Histoire du commerce et de la navigation des Anciens. *Lyon: Benoit Duplain*, 1763. xxiv, 496 p. 12°.

—— The history of the commerce and navigation of the ancients. Written in French... Made English from the Paris edition. *London: B. Lintot*, 1717. vi, 13 l., 265 p. 12°.

—— Historia del comercio y de la navegacion de los antiguos... Tr. al Castellano por P. Regidor, con un indice copioso... *Madrid: R. Ruiz*, 1793. xxiv, 354 p. 8°.

Ionides (S. A.) Description of an astrolabe. 2 pl. (Geog. Jour. v. 24, pp. 411–417. *London*, 1904.)

Jacobs (Joseph). The story of geographical discovery: how the world became known. *New York: D. Appleton & Co.*, 1899. 200 p., 1 l. 16°. (Library of Useful Stories.)

Jal (A.) Archéologie navale. *Paris: A. Bertrand*, 1840. 2 v. 8°.

Keane (John). The evolution of geography. A sketch of the rise and progress of geographical knowledge from the earliest times to the first circumnavigation of the globe. *London: E. Stanford*, 1899. xv, 159 p., 17 maps. 8°.

Klaproth (J.) Lettre à M. le Baron A. de Humboldt, sur l'invention de la Boussole. *Paris*, 1834. 8°.

Leber (J. M. C.) Un mot sur l'invention de la boussole; ne serait-elle pas d'origine française? (In his: Col. d. diss., v. 16. 1838.)

Lindsay (William Schaw). History of merchant shipping and ancient commerce; with numerous illustrations. *London*, 1874–76. 4 v. il. pl. maps. 8°.

Locke (John). An Introductory discourse, containing the whole history of navigation from its original to this time. (In: A. and J. CHURCHILL, A collection of voyages and travels. v. 1, pt. 1, p. ix–xciv. *London*, 1732. 6 v. f°.)

—— —— —— *London: H. Lintot*, 1744–46. 3. ed. 6 v. f°.

—— Histoire de la navigation, son commencement, son progrès & ses découvertes jusqu'à présent. Traduite de l'anglois. Le commerce des Indes occidentales, avec une catalogue des meilleures cartes géographiques & des meilleurs livres de voyages... *Paris: E. Ganeau*, 1722. 2 v. 16°.

Low (Charles Rathbone). Maritime discovery: a history of nautical exploration from the earliest times. *London: Newman & Co.*, 1881. 2 v. 8°.

Luce (Stephen B.) The dawn of naval history. (Proc. U. S. Naval Inst. *Annapolis*, 1898. 8°. v. 24, pp. 441–450.)

Macpherson (D.) Annals of commerce, manufactures, fisheries, and navigation. *London*, 1805. 4 v. 4°.

Of **Magneticall** and Astronomicall Instruments first applyed to Navigation. (Purchas his Pilgrimes. *London*, 1625. 1, ii, 1–4.)

Major (Richard Henry). The life of Prince Henry of Portugal, surnamed the Navigator, and its results... *London: A. Asher & Co.*, 1868. 2 p.l., lii, 487 p., 7 maps, 5 pl. 8°.

Malcorra (A. Z. de). Del comercio de los romanos, desde la primera guerra de Cartago hasta Constantino el Magno. *Valencia: D. Benito Monfort*, 1798. 2 p.l., 148 p. f°.

History, cont'd.

Marcel (G.) Sur un almanach xylographique à l'usage des marins brétons. (Revue de geogr. v. 47, pp. 268–278. *Paris*, 1900.)

Margry (Pierre). Les navigations françaises et la révolution maritime du 14e au 16e siècle. *Paris*, 1867. pl. facsim. 8°.

Middleton (J.) Description of a Persian astrolabe, submitted to the Asiatic Society by Major Pottinger. 5 pl. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1841. 8°. 10, pt. 2, pp. 759–777.)

PRATT (J. S.) Observations on the Herat astrolabe [described in v. 10, pp. 759–777]. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1842. 8°. 11, pt. 2, pp. 720–721.)

Moretti (Umberto). Sulla scoperta della bussola nautica e sulla storia della Repubblica Amalfitana. (Cong. internaz. di sci. storiche, 1903, Atti, v. 10, sez. 6: (Storia della geog.) pp. 199–201. *Roma*, 1904.)

Morisot (C. B.) Orbis maritimi sive rerum in mari et littoribus gestarum generalis historia... *Divione: P. Palliot*, 1643. 12 p.l., 726 p., 9 l., 1 pl. f°.

Morrison (John H.) History of American steam navigation. *New York: W. F. Sametz & Co.*, 1903. 1 p.l., 630, vi p., 1 l. illus. 8°.

Mueller (W. Max). Zur ältesten Geschichte des Handelsverkehrs im Rothen Meer. (Mitteil. der vorderasiatischen Gesellsch. *Berlin*, 1898. 8°. Heft 3, pp. 42–50.)

Navarrete (Eustaquio Fernandez). Memoria sobre las tentativas hechas y premios ofrecidos en España al que resolviere el problema de la longitud en la mar. (Coleccion de documentos inéditos para la historia de España. *Madrid*, 1852. v. 21, pp. 5–241.)

Oliveira Martins (Joaquim Pedro). Portugal nos mares. Ensaios de critica, historia e geographia. *Lisboa: A. M. Pereira*, 1902. 272 p. 2. ed. 8°.

Parker (F. A.) Fleets of the world : the galley period. *New York*, 1876. pl. 8°.

Pasqual (Antonio Raymundo). Descubrimiento de la Aguja Nautica, de la situation de la América, del arte de navegar, y de un nueva método para el adelantamiento en las Artes y Ciencias... *Madrid: en la Imprenta de M. Gonzalez*, 1789. 4 p.l., 320 p. 4°.

Peschel (Oscar Ferdinand). Geschichte des Zeitalters der Entdeckungen. *Stuttgart* and *Augsburg*, 1858. 8°.

—— [Same.] 2. Aufl. *Stuttgart*, 1877. port. 8°.

—— Geschichte der Erdkunde bis auf A. v. Humboldt und C. Ritter. (Munich. K. Baier. Akad. d. Wiss. Hist. Comm. Gesch. d. Wiss., Bd. 4.) *München*, 1865. maps. 8°.

—— [Same.] 2. vermehrte Aufl., hrsg. von S. Ruge. (Same.) *München*, 1877. maps. 8°.

Petré (J.) Ortus et progressus veteris navigationis... [*Upsaliæ*, 1867.] 4 p.l., 62 p. 24°.

Philipott (T.) An historical discourse of the first invention of navigation and the additional improvements of it. With the probable causes of the variation of the compass. To which is added a catalogue of those persons that have been, from the first institution, dignified with the office of admiral. (In: Harleian Miscell. v. 2.)

Porena (Filippo). Un' ultima parola su Flavio Gioia e la bussola. (Rivista geog. italiana. annata 10, pp. 314–334. *Firenze*, 1903.)

Prinsep (J.) Note on the nautical instruments of the Arabs. [Notes on the Maldive alphabet.] 2 pl. (Jour Asiat. Soc. of Bengal. *Calcutta*, 1836. 8°. 5, pp. 784–794.)

Raleigh (*Sir* Walter). Judicious and select essayes and observations upon the first invention of shipping. The misery of invasive war. The navy royall and sea-service. With his Apologie for his voyage to Guiana. *London: T. W. for H. Moseley*, 1650. port., 9 p.l., 42 p.; 1 l., 4 p., 31 (1) l.; 1 l., 46 p.; 1 l., 69 p., 2 blank l. 16°.

Raemdonck (J. van). Gérard Mercator; sa vie et ses œuvres. *St. Nicolas*, 1869. port. pl. table. nar. 4°.

Ruge (Sophus). Geschichte des Zeitalters der Entdeckungen. *Berlin: G. Grote*, 1881. 2 p.l., 542 p., 1 fac-sim., 9 maps, 9 pl. 8°. (Allgemeine Geschichte in Einzeldarstellungen. 2. Hauptabt. 9. Th.)

Ryves (*Sir* Thomas). Historia navalis antiqua, libris quatuor. *Londini: R. Barker... et Haer. Jo. Billii*, 1633. 4 p.l., 429 p. 16°.

Saint-Genois (J. de). Les voyageurs Belges du XIII. au XVII Siècle. *Bruxelles*, 1849. 8°.

Scheffer (J.) De militia navali veterum libri quatuor. *Upsaliæ*, 1654. 4°.

Schott (Charles Anthony). An enquiry into the variation of the compass, off the Bahama Islands at the time of the land fall of Columbus in 1492. *Washington: Govt. Prtg. Office*, 1882. 8 p., 1 map. pap. 4°. (U. S. Coast & Geodetic Survey. Methods and results.)

Schwerin (Hans Hugold von). Om kustfolks olika sjöduglighet. [2] + 104 p. (Lunds univ. årsskrift. v. 36, pt. 1, no. 7. *Lund*, 1900.)

Serre ([P.]) Études sur l'histoire militaire et maritime des Grecs et des Romaine; suite des marines de l'antiquité et du moyen age. *Paris: L. Baudoin & Cie.*, 1888. xii, 270 p. 12°.

—— Les marines de guerre de l'antiquité et du moyen age. [Pt. 1–]2. *Paris: L. Baudoin & Cie.*, 1885–1891. 2 v. 8°.

Pt. 2. Étude d'architecture navale.

Severus Sabocht, *bishop of Kinnesrin*. Le traité sur l'astrolabe plan de Sévère Sabokt, écrit au VIIe siècle d'après des sources grecques et publié pour la première fois d'après un MS. de Berlin, par M. F. Nau. (Jour. asiatique, ser. 9, v. 13, pp. 56–101, 238–303. *Paris*, 1899.)

Slafter (*Rev.* E. F.) History and causes of the incorrect latitudes as recorded in the journals of the early writers, navigators and explorers relating to the... Atlantic coast of North America, 1535–1740. *Boston*, 1882. 8°.

Spagnolo (Antonio). L'arcidiacono Pacifico di Verona inventure della Bussola? 1 pl. (Nuovo archivio Veneto. n. s. v. 8, pp. 39–62. *Venezia*, 1904.)

History, cont'd.

Speck (E.) Seehandel und Seemacht. Eine handelsgeschichtliche Skizze. *Leipzig: F. Brandstetter*, 1900. iv, 82 p. 8°.

Sprengel (M. C.) Geschichte der wichtigsten geographischen Entdeckungen bis zur Ankunft der Portugiesen in Japan 1542. *Halle*, 1792. 12°.

Stephens (J. E. R.) The history of navigation. (Nautical Maga. v. 73, pp. 503–511. *Glasgow*, 1904.)

Stevenson (W.) Historical sketch of the progress of discovery, navigation, and commerce, from the earliest records to the beginning of the nineteenth century. (In: Kerr (R.) A general history and collection of voyages, &c. *Edinburgh*, 1824–5. v. 18.)

Ternaux-Compans (A.) Archives des voyages ou collection d'anciennes relations inédites ou très rares, de lettres, mémoires, itinéraires et autres documents relatifs à la Géographie et aux voyages suivies d'Analyses d'anciens voyages et d'anecdotes relatives aux voyageurs tirées des mémoires du temps. 2 v. 8°. *Paris*, s. a.

Thysius (A.) A. Thysii J. C. historia navalis, sive celeberrimorum praeliorum, qvæ mari ab antiquissimis temporibus usque ad pacem Hispanicam Batavi, Foederatiq' Belgæ... gesserunt... descriptio. *Lugduni-Batavorum: J. Maire*, 1657. 4 p.l., 305 (1) p., 3 l. 4°.

Trinity House.

BARRETT (C. R. B.) The Trinity House of Deptford Strond. Written and illustrated by C. R. B. Barrett. *London: Lawrence & Bullen*, 1893. x, 1 l., 159 p. 4°.

ENGLISCHER (Ein) Flottenverein aus dem XV Jahrhundert. (Ueberall. Jahrg. 3, pp. 1306–1308. *Berlin*, 1901.)

GILLIE (John.) The Trinity House, Newcastle-upon-Tyne. (Nautical Maga. v. 69, pp. 19–27. *London*, 1900.)

Vecchi (A. V.) Storia generale della marina militare. *Firenze: Tip. Cooperativa Editrice*, 1892. 2 v. in 1. 8°.

Venanson (F.) De l'invention de la boussole nautique. *Naples*, 1808. 8°.

Vivien de Saint-Martin (Louis.) Histoire des découvertes géographiques des nations Européennes dans les differentes parties du monde. *Paris*, 1845. v. 2–3. 8°.

—— Histoire de la géographique et des découvertes géographiques, depuis les temps les plus reculées jusqu'à nos jours. *Paris*, 1873. nar. 4°.

—— [Same.] Atlas. *Paris*, 1874. f°.

Walckenaer (C. A.) Extrait d'un mémoire sur les progrès des découvertes géographiques dans le monde maritime ou dans les iles situées au sud-est et à l'est de l'Asie, depuis les plus anciens tems jusqu'à l'époque du voyage de Magellan autour du globe. *n. p.*, 1822. 8°.

Wappäus (J. E.) Untersuchungen über die geographischen Entdeckungen der Portugieser unter Heinrich dem Seefahrer. Ein Beitrag zur Geschichte des Seehandels und der Geographie im Mittelalter. Theil 1. *Göttingen: Vandenhoeck & Ruprecht*, 1842. 1 v. 8°.

Wimmer (G. A.) Geschichte d. geogr. Entdeckungsreisen zu Wasser und zu Lande von den ältesten Zeiten bis auf unsere Tage. *Wien*, 1838. 5 v. 8°.

Woepcke ([Franz]). Ueber ein der Königlichen Bibliothek zu Berlin befindliches arabisches Astrolabium. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1858. pp. 1–31, pl. *Berlin*, 1859. 4°.)

—— Trois traités arabes sur le compas parfait. (In: Paris Inst. Acad. Inscr. Notices et extr., v. 22, 1 pt. 1874. pp. 1–176.)

Wolkenhauer (August). Der Schiffskompass im 16. Jahrhundert und die Ausgleichung der magnetischen Deklination. (Annalen d. Hydrographie. Jahrg. 33, pp. 29–37. *Berlin*, 1905.)

NAVIGATION AND SEAMANSHIP.

See also the early Coast Pilots, etc., noted below.

Early Works, to 1850.

Arranged chronologically.

Anglès (Robert). Le traité du quadrant de Maître Robert Anglès (Montpellier, xiiie siècle), texte latin et ancienne traduction grecque. *Paris: Imp. Nationale*, 1897. 80 p. 4°.

Chaucer (G.) A treatise on the astrolabe; addressed to his son Lowys, A.D. 1391. Edited from the earliest mss. by Rev. W. W. Skeat. *London: Early Eng. Text. Soc.*, 1872. lxix, 119 p., 7 pl. 8°. (Early Eng. Text Soc. Extra ser. Pub. no. 16.)

Astrolobij quo primi mobilis motus deprehendunter canones. *Venetiis: Petrus Liechtenstein*, 1512. (30) ll., 36 lines in a full page. ill. 4°.

Andalo de Nigro. [Opus astrolobii. *Ferrara: Johannes Picardus*, 1475, *die* viii, *mensis Julij*.] signatures a–b in tens, aI blank. Without pagination, signatures or catchwords. f°.

Leaf [2] begins: Opus preclarissimum astrolobij compositum a domino Andalo de Nigro. Last leaf ends with colophon on recto.

Enciso (Martin Fernandez de). Suma de geographia q' trata de todas las partidas & prouincias del mundo; en especial delas indias. & trata largamēte del arte del marear: juntamēte con la espera en romāce: con el regimiēto del sol & del norte: nueuamente hecha. *Seuilla: Jacobo cröberger, alemā*, 1519. (76) l., incl. 1 blank. f°.

Later editions noted under 1530 and 1546.

Copp (Johannes). Wie man diss hochberumpt astronomischer uñ geometrischer kunst Instrumēt Astrolabium brauchen soll... Durch Joannem Copp ...*Bamberg: Georg Erlanger*, 1525. (42) l., incl. 1 blank l. 4°.

Friess (Laurentzius). (Y)Slegung der Mercarthen oder Cartha Marina Darin man sehen mag, wa einer in der welt sey, vnd wa ein ietlich Land, Wasser, vnd Stat gelegē ist. Das als in dē büchlin zefindē. *Strassburg: Johannes Grieninger*, 1525. 32 l., 1 map, illus. f°.

The book is in two parts, leaf 6, verso, beginning "Der ander tractat erkleret zum teyl die land vnd sitten der völker." The folded map illustrates the first voyage of Cadamosto and follows Waldseemüller.

Pagination is incorrect. Signatures A–E are in sixes except B, which is in eight.

Abridgment noted under 1530.

Navigation—Early Books, 1525–1554.

Garcie (Pierre). [L]e grant routier & pilotage & enseignemēt pour ancrer tant es portz, haures q' autres lieux de la mer, fait per Pierre gracie [*sic*], dit Ferrāde, tant des parties de Frāce, Bretaigne, Angleterre, Espaigne, Flādres & haultes Alemaignes. Auec les dāgers du ports, haures, riuieres & chenalz des parties & regions des susdictes. Auec ung kalendier & cōpost a la fin dudit liure tresnecessaire a tous cōpaignōs. Et les ingemens doleron touchant le fait des nauires. *Rouen: pour Jehan burges,* 1525. (78) l. illus. 4°.

Fernelius (Johannes). Joannis Fernelli Ambianatis Monalosphærium, partibus constans quatuor...*Parisiis: Simon Colinæus,* 1526. (6) 36 l. illus. f°.

—— Joannis Fernelii Ambianatis Cosmotheoria, libros duos complexa...*Parisiis: Simon Colinæus,* 1528. (6), 46 l. illus. f°.

Enciso (Martin Fernandez de). Suma de geographia q' trata de todas las partidas & prouincias del mundo: en especial delas indias. & trata largamente del arte del marear juntamente con la espera en romance: conel regimiēto del sol y del norte: agora nueuamente emendada algunos defectos q' tenia enla impressiō passada. *Seuilla: Juā cromberger,* 1530. 1-lx, xlix–lviii ff. f°.

26th folio is wrongly numbered xxxvi.

—— —— Another issue. i–lx, xlix–lviii ff. f°.

11th folio is wrongly numbered xii.

An earlier edition noted under 1519 and a later under 1546.

Friess (Laurentzius). (Y)Nderweisung vnd vslegunge der Cartha Marina oder die mercartē, Darin man sehen mag, wa einen in d' welt sy, vnd wa ein ytlich land, wasser vnd stet ligē, als in dē būchlin angezögt vñ in d' chartē zusehen. *Strassburg: Johannes Grieninger,* 1530. (22) l. f°.

An abridged edition of the Yslegung der Mercarthen of 1525. Only three woodcuts are retained, one of which is on the title-page. Signatures A–D in sixes, except B, in four.

Apianus (Petrus). Instrument Buch durch Petrum Apianum erst von neu beschrieben...ein newer Quadrant...wie man die höch...durch die Spigel und Instrument, massen soll...wie man das wasser absehen oder abwegen soll...drey Instrument... manicherley.. breüche... die Finger der Hände...ein newer Messstab...*Ingoldstadii,* 1533. (54) ll. f°.

Sacro-Bosco (Joannes de). Liber Joannes de Sacro-Bosco de sphaera. Addita est præfatio in eundem librum Philippi Mel. ad S. Grineum. [*Venetijs: apud J. A. de Nicolinis de Sabio,* 1534.] 38 l. 8°.

—— Sphaera volgare novamente tradotta con molte notande additione di geometri cosmographia, arte navigatoria, et stereometria, proportioni, et qvantia delli elementi, distanze, grandeze et movimenti di tvtti li corpi celesti, cose certamente rade et maravigliose. Autore M. Fiorentino Phonasco et Philopanareto. *Venetia: Bartolomeo Zanetti,* 1537. (56) l. illus. 4°.

—— Tratatto della sphera, nel quale si dimonstrano & insegnano: principii della astrologia raccolto da Giouanni di Sacrobusto, & altri Astronomi, & tradotto in lingua Italiana per Antonio Brvcioli. Et con nuove annotationi in piu luoghi dichiarato. *Venetia: Francesco Brucioli & i Frategli,* 1543. (2) 24 l. illus. 4°.

Dryander (Joannes). Qvadrantis vsvs et explicatio brevis. Per Joannem Dryandrum Medicum, Professorem Marpurgensem. [Colophon:] *Impressum Marpurgi, Anno* M.D.XLII. 8 p., 1 l. 4°.

Bytharne (Jehan). Book of war by sea and land, anno 1543. (In: Naval (The) miscellany, edited by J. K. Laughton. [*London,*] 1902. 8°. v. 1., pp. 1–21.)

Medina (Pedro de). Arte de nauegar en que se contienen todas las Reglas, Declaraciones, Secretos, y Auisos, q' a la buena naugaciō son necessarios, y se deuē saber, hecha por el maestro Pedro de Medina...[*Valladolid: Francisco Fernandez de Cordoua,* 1545.] (6), c, (1) l. f°.

Editions noted below under dates of 1554, 1555, 1569, 1552, 1580, 1589.

Biondo (Michael Angelo). De ventis et navigatione, libellvs avttore Michaelis Angelo Blondo.. *Venetijs: Cominus de Tridino Montisferrati,* 1546. 18 l. 4°.

Enciso (Martin Fernandez de). Suma de geographia...*Seuilla: Andreas de burgos,* 1546. 1 l., ij–lviii [*i. e.* 70] ff. f°.

Earlier editions noted under 1519 and 1530.

[**Focard** (Jacques).] Paraphrase de l'Astrolabe, contenant les principes de Geometrie, la Sphère, l'Astrolabe, ou, declaration des choses celestes, le Miroir du Monde, ou, exposition des parties de la Terre. *Lyon: par Iean De Tovrnes,* 1546. 8 p.l., 187 p., 2 l. 8°.

Second edition in 1555.

Botazzo (G. J.) Dialogi maritimi; et alcvne rime maritime di Nicolo Franco, et d'altri, dell' Accademia de gli Argonauti. *Mantoua,* 1547. 16°.

Rojas Sarmiento (Joannes de). Illustris uiri D. Ioannis de Roias commentariorum in Astrolabium quod Planisphærium uocant, libri sex nunc primùm in lucem editi. His additus est index. *Lvtetiæ: Vascosanus,* 1550. (24), 284, (12) p. 4°.

Cortes (Martin). Breue compendio de la sphera y de la arte de nauegar, con nueuos instrumentos y reglas... *Seuilla: Anton Alvarez,* 1551. 98 l. illus. f°.

Other editions noted below under 1561, 1572, 1579, 1584, 1596, 1615.

Medina (Pedro de). Regimiento de navegacion. En que se cōtienen las reglas, declaraciones y auisos del libro del arte de nauegar. Fecho por el maestro Pedro de Medina. *Seuilla: Juā Canalla,* 1552. (44) l. illus. 4°.

First edition entered under 1545.

—— L'art de naviger de maistre Pierre de Medine... traduict... par Nicolas de Nicolai... *Lyon: Guillaume Roville,* 1554. (6) 116 l. illus. f°.

—— L'arte del navegar, in laqval si contengono le regole, dechiarationi, secreti, & auisi, alla bona nauegation necessarij. Composta per... Pietro da Medina, & tradotta da lingua Spagnola in volgar Italiano .. *Vinetia: Giambattista Pedrezano,* 1554. (12), 138 l. illus. 4°.

—— L'art de navigver de maistre Pierre de Medine, Espaignol: contenant toutes las reigles, secreta, & enseignemens necessaires, à la bonne nauigation, tradvcit de Castillan en Françoys, auec augmentation & illustration de plusieurs figures & annotations, par Nicolas de Nicolai, du Dauphiné

Navigation—Early Books, 1554–1594.

Geographe du tres-Chrestien Roy Henri II. de ce nom: Et dedié à sa tres-Auguste Maieste. *Lyon: Gvillavme Roville*, 1554. (6), 116 l. (including a final blank), 1 folded map. illus. f°.

Focard (Jacques). Paraphrase de l'astrolabe ... Reuue & corrigée par Jacques Bassentin, auec vne amplification de l'usage de l'astrolabe par lui mesme aioutée. *Lyon: Par Ian de Tovrnes*, 1555. 6 p.l., 192 p. 8°.

First edition noted under 1546.

Medina (Pedro de). L'arte del navegar... *Vinetia: Gioanbattista Pedrezano*, 1555. (12), 138 l. illus. 4°.

First edition entered under 1545.

Alfonce (Jean). Les Voyages auantvreux dv Capitaine Ian Alfonce, Sainctongeois. Contenant les reigles & enseignemens necessaires à la bonne & seure nauigation. *Poitiers: Ian de Marnef*, 1559. (4), 68, (28) l. 4°.

Contains Olivier Bisselin's "Les tables de la declinaison ou esloignement que fait le Soleil de la ligne Equinoctiale chacun iour des quatre ans."

New edition noted below under 1602.

Cortes (Martin). The Arte of Navigation, Conteyning a compendious description of the Sphere, with the makyng of certain Instruments and Rules for Nauigations: and exemplified by manye Demonstrations. Wrytten in the Spanyshe tongue by Martin Curtes, And directed to the Emperour Charles the fyfte. Translated out of Spanyshe into Englyshe by Richard Eden. 1561 [*Colophon:*] *Imprinted at London in Pawles Church yarde, by Richard Jugge, Printer to the Queenes Maiestie.* (8) p.l, lxxxiiii f., (2) l. 4°.

First edition noted under 1551.

Medina (Pedro de). L'art de naviguer. *Lyon: Guillaume Roville*, 1569. (8), 232 p., folded map. illus. 4°.

First edition entered under 1545.

Cortes (Martin). The arte of nauigation, conteyning a compendious description of the sphere, with the makyng of certayne instruments and rules for nauigations;... Written... by Martin Curtis... Translated out of Spanyshe into Englishe by R. Eden, and now newly corrected and amended in dyuers places. [*London: R. Jugge*, 1572.] 8 p.l., 83 f., 3 l., map. 4°.

First edition noted under 1551.

Laetus (Erasmus Michælius). C. Erasmi Michælii Læti de re nautica, libri III... *Basileæ:* [*T. Guarinus,*] 1573. 8 p.l., 230 pp., 1 pl. 4°.

Nonius (Petrus). Petri Nonii Salaciensis de arte atque ratione navigandi libri dvo. Eivsdem in theoricas Planetarum Georgij Purbachij annotationes, & in Problema mechanicum Aristotelis de motu nauigij ex remis annotatia vna. Eivsdem de erratis Orontij Finœi Liber vnus. Eivsdem de Crepusculis Lib. 1. Cum libello Allacen de causis Crepusculorum. *Conimbricæ: In ædibus Antonij à Marijs, Vniversitatis Typographi*, 1573. (6) p.l., 201 p., (1) l., 56 p., (1) l., 63 p., (1) l. f°.

Cortes (Martin). The Arte of Nauigation... Englished... by Richard Eden... *London: Richard Iugge*, 1579. (8), 84 l., 1 map. illus. 4°.

First edition noted under 1551.

Coignet (Michael). Nieuwe Onderwijsinghe, op de principaelste Puncten der Zee-vaert...deur Michiel Coignet. *T'hantwerpen: Heyndrick Heyndricksen*, 1580. 27 l. illus. 4°.

New edition noted under 1589.

Medina (Pedro de). De Zeeuaert, Ofte Conste van ter zee te varen, vanden Excellenten Pilote Mter. Peeter de Medina Spaignaert... Wt den Spaensche ende Fransoysche... ouergheset, ende met Annotatien verciert, by Mr. Merten Eueraert Brug. Met noch een ander niewe Onderwijsinghe, op de principaelste puncten der Navigatien, van Michiel Coignet. *T'Hantwerpen: Hendrick Hendricksen*, 1580. (4), 92, 27 l., 1 map. illus. 4°.

First edition entered under 1545.

Cortes (Martin). The arte of navigation... Englished out of Spanishe by Richarde Eden, and now newly corrected and amended in diuers places. *London: Printed by Iohn Iugge wydowe*, 1584. 8 p.l., 84 f., 1 map. 4°.

First edition noted under 1551.

Palacio (Diego Garcia de). Instrvcion Navthica, para el bven Vso, y regimiento de las Naos, su traça, y y gouierno conforme à la altura de Mexico. Cõpuesta por el Doctor Diego garcia de Palacio. *Mexico: Pedro Ocharte*, 1587. (4), 156 l. 4°.

Blundeville (Thomas). A briefe description of vniversal mappes and cardes, and of their vse: and also the vse of Phtolemy his tables. Necessaire for those that delight in reading of histories: and also for traueilers by land or sea. *London: Printed by Roger Ward for Thomas Cadman*, 1589. 21 l. 4°.

Coignet (Michiel). Nieuwe onderwysinghe, op de principaelste puncten der Zee-vaert... deur Michiel Coignet. *T'Amstelredam: Cornelius Claesz*, 1589. 22 l. illus. 4°.

An earlier edition noted under 1580.

Medina (Pedro de). De Zee-vaert. *T'Amstelredam: Cornelius Claesz*, 1589. 88, 22 l. illus. 4°.

First edition entered under 1545.

Hood (Thomas). The Marriners guide. Set forth in forme of a dialogue, wherein the vse of the plaine Sea Card is briefelie and plainely deliuered to the commoditie of all such as haue delight in Nauigation. *Imprinted at London by Thomas Est, for Thomas Wight*, 1592. 21, (1) ff. 8°. Black letter.

Second issue noted under 1596.

Hues (Robert). Tractatus de globis, et eorum usu: a treatise descriptive of the globes constructed by Emery Molyneux, and pub. 1592. Edited, with annotated indices and an introduction by C. R. Markham. *London: The Hakluyt Soc.*, 1889. lviii, 1 l., 229 p., 1 pl. 8°. (The Hakluyt Soc. no. 79.)

The Dutch translation is noted below under 1597.

Blundeville (Thomas). M. Blvndevile, his exercises, containing sixe treatises... in cosmographie, astronomie, and geographie, as also in the arte of navigation. *London: Printed by J. Windet*, 1594. 7 p.l., 350 f. 4°.

Davis (John). The worldes hydrographical discription. Wherein is proued...that the worlde in...all his zones, clymats and places, is habitable and inhabited, and the seas...navigable...whereby appeares that from England there is a short and speedie passage into the South Seas, to China,

Navigation—Early Books, 1595–1615.

Molucca, Philipina, and India, by northerly nauigation...*London: Imprinted by T. Dawson*, 1595. 24 l. 8°.

Contains a folio sheet with the author's holograph "Motiues for ordering a project for the discoverie of the North Pole, etc."

—— The voyages and works of John Davis the navigator; ed., with an introduction and notes, by A. H. Markham. *London*, 1880. 6 p.l., xcv, 392 p., 1 facsim., 1 map, 1 pl. 8°. (Hakluyt Society, Pub. v. 59.)

Bourne (William). A Regiment for the Sea, containing verie necessarie matters for all sorts of men and trauailers, whervnto is added an Hidrographicall discourse touching the fiue seuerall passages into Cattay, written by William Borne Newly corrected and amended by Thomas Hood, D. in Phisicke, who hath added a new Regiment, and Table of declination. Wherevnto is also adioyned the Mariners guide, with a perfect Sea Carde by the said Thomas Hoode. *Imprinted at London by T. Este, for Thomas Wright*, 1596. 10 p.l., 79 ff. (3) l., 1 map, 21 (1) ff. 4°.

On folio 38 (K.ii.) 38 is misprinted 18.

—— A Regiment for the Sea, containing verie necessarie matters for all sorts of men and trauailers, wherevnto is added an Hydrographicall discourse touching the fiue severall passages to Cattay, written by William Borne. Newlie corrected and amended by Thomas Hood who hath added a new Regiment, and Table of declination. *Imprinted at London by T. Est, for Thomas Wright* [1596?]. 10 p.l., 79 pp. (3) l. 4°.

Lining of this title differs from that of the 1696 issue; "A Regiment for the Sea," "Thomas Hood," "Regiment," and "Thomas Wright," are printed in red; misprints of the other issue are corrected. Apparently printed from a different composition.

Cortes (Martin). The arte of nauigation... translated into English by Richard Eden...corrected and augmented...by J. T[app]. *Imprinted at London by Edw. Alde for Hugh Astley, by the assignes of Richard Watkins*, 1596. (5), (90) l., 1 map. 4°.

First edition noted under 1551.

Hood (Thomas). The Marriners guide. *Imprinted at London by Thomas Este, for Thomas Wight*, 1596. 21 (1) ff. 8°. Black letter.

Really a part of Bourne's Regiment for the Sea (1596), being called for on title-page of that work.

Title identical as to text with the 1592 issue *q. v.*, except that the "briefelie" of the 1592 issue becomes "briefely" in 1596.

Hues (Robert). Tractaet Ofte Handelinge von het gebruijck der Hemelscher ende Aertscher Globe ...door Robertum Hues...overgheset...door J. Hondium. *T'Amstelredam : Cornelis Claesz*, 1597. (8), 68 p. illus. 4°.

The Hakluyt Society edition of the Latin Tractatus of 1592 is entered above under that year.

W[right] (E[dward]). Certaine errors in navigation, Arising either of the ordinarie erroneous making or vsing of the sea chart, compasse, cross staffe, and Tables of declination of the Sunne, and fixed starres detected and corrected. By E. W. *Printed at London by Valentine Sims*, 1599. 126 unnumbered leaves, 29 (1) p., 1 l. 4°.

The 29 numbered pages contain a record of the voyage to the Azores of the Earl of Cumberland, to whom the book is dedicated.

Second edition entered under 1610.

Alfonse (Jean). Les voyages avantvrevx dv Capitaine Jean Alphonce Saintongeois. Contenant les reigles & enseignemens necessaires à la bonne & seure Nauigation. Revev et corrigé de novveav selon la reformation faite du Calendrier qui fut fait l'An mil cinq cens quatre vingts deux. *Roven: Theodore Reinsart*, 1602. 128 p., 18 l. 8°.

First edition noted above under 1559.

Syria (Pedro de). Arte de la verdadera navegacion. En que se trata de la machina del mũdo, es a saber, Cielos, y Elementos: de las mareas, y señales de tẽpestades: del Aguja de marear: del modo de hazer cartas de nauegar del vso dellas: de la declinacion y rodeo, que comunmente hazen los pilotos; del modo verdadero de nauegar por circulo menor: por linea recta sin declinacion ni rodeo: el modo como se sabra el comino, y leguas que ha nauegado el piloto, por qualquier rumbo: y vltimamente el saber tomar el altura del Polo. *Valencia : Impressa en casa de Juan Chrysostomo Garriz, Vendese en casa de Francisco Miguel*, 1602. 4 p.l., 152 p., 4 l. 4°.

Polter (Richard). The Pathway to perfect Sayling. Being a deliuerie in as breefe manner as may bee, of the sixe principall pointes or groundes, concerning Nauigation: Written by Richard Polter, one of the late principall Maisters of the Nauie Royall. *London : Edward Allde for John Tappe*, 1605. (26) l. 4°.

Garcia de Cespedes (Andres). Regimiento de navegacion q'mando hazer el rei nuestro señor por orden de sv conseio real de las Indias a Andres Garcia de Cespedes sv cosmografo maior siendo Presidente en el dicho consejo el conde de Lemos. [Colophon : *En Madrid, En casa de Iuan de la Cuesta*, Año M.DCVI.] engr. title, 5 p.l., 184 ff., 1 map. f°.

Harder (Salomon). De Navigatione, Gründlicher Bericht von Schifffahrten, wer sie erschaffen, woher sie kommen, vnd wie sich diejenigen, so sich ihrer gebrauchen, vorhalten sollen. Neben angehengter Allegoria vnd tröstlicher Abcontrseyhung des Schiffleins Christi. Allen Seefahrenden Schiff vnd Handelsleuten nützlich zu lesen, in Druck verfertiget Durch Salomon Harder Dantiscanum. [Colophon: *Gedruckt zu Leipzig, durch Zachariam Berwald.*] 1607. (111) p. 12°.

A devotional book for seamen.

Linton (Anthony). Newes of the complement of the art of navigation. And of the mightie Empire of Cataia. Together with the Straits of Anian. By A. L. [*i. e.* Anthony Lynton.] *London : F. Kyngston*, 1609. 1 l., 44 p. 4°.

Wright (Edward). Certaine Errors in Navigation, Detected and Corrected. By Edw: Wright. With Many additions that were not in the former edition as appeareth in the next pages. [With An Appendix touching the variation of the Compasse.] *London : Felix Kingstõ*, 1610. 26 l., 472, 122 p., 11 l., 1 chart. 4°.

First edition noted under 1599.

Cortes (Martin). The arte of navigation. First, written in the Spanish tongue by...Martin Cvrtis...Translated into English by Richard Eden ...corrected and inlarged...by John Tapp. *London: W. Stansby for J. Tapp*, 1615. (8) l., 169 [*i. e.* 187] (4) p., 1 map, 26 diagrams in text. 4°.

Navigation—Early Books, 1619–1697.

Welper (E.) Usus Quadrantis astronomici. *Strassburg*, 1619. 4°.

Aspley (John). Speculum Nauticum : a looking glasse, for sea men: wherein they may behold a small instrument called the Plain Scale...Lately penned...By John Aspley, Student in Physicke... *London: T. Harper*, 1624. 4 p.l., 62 p., 1 l. 4°.

Snellius (Willebrordus). Willebrordi Snellii à Rogen. R. F. Tiphys Batavvs sive Histiodromice, De navium cursibus, et re navali. *Lvgdvni Batavorvm : Ex Officinâ Elzeviriana*, 1624. (28) l., 109 (1), 1 l., 62 p., 1 l., 2 pl. 4°.

Smith (*Captain* John). A Sea Grammar, with the plaine exposition of Smith's Accidence for young Sea-men, enlarged. Diuided into fifteene Chapters... *London: Iohn Haviland*, 1627. 6 l., 86 p. 4°.

"The seaman's grammar," noted below under 1691.

Duliris (L.) La theorie des longitudes reduite en pratique sur le globe celeste. *Paris*, 1647. 4°.

—— Le globe hauturien, inventé de nouveau. Pour prendre à toute heure du jour, aux rayons du soleil, la hauteur équinoctiale et polaire. *Paris: I. Guillemot*, 1647. 4°.

Common-wealths (The) great ship commonly called the Sovereigne of the seas, built in the yeare, 1637. With a true and exact dimension of her bulk and burden...also the names of all our commanders at sea... With all the fights wee have had with the Hollander, since the engagement of Lieutenant-admirall Trompe neare Dover against the English fleet under the command of Generall Blake... *London : Printed by M. Simmons for T. Jenner*, 1653. 32 p. 4°.

Moret (T.) Tractatus physico-mathematicus de aestu maris. *Antwerp*, 1665. 4°.

Moray (*Sir* Robert). Some inquiries and directions concerning tides, proposed by Dr. Wallis, for the proving or disproving of his lately publish't discourse concerning them. (Philosoph. Transac. 1665–66, v. 1, pp. 297–301. *London*, 1666.)

Wallis (John). An essay of Dr. John Wallis exhibiting his hypothesis about the flux and reflux of the sea. (Philosoph. Transac. 1665–66, v. 1, pp. 263–294. *London*, 1666.)

Philipott (Thomas). A philosophical Essay on the flux and reflux of the sea. (Harleian Miscellany. v. 5.)

Original published at London in 1673, in quarto.

[**De Chales** (Claude François Milliet).] L'art de naviger demontré par principes, & confirmé par plusieurs observations tirées de l'experience. *Paris: Estienne Michallet*, 1677. 10 p.l., 264, 46 p., 4 l. 4°.

Scalberge (C.) Traité des causes naturelles du flux et du reflux de la mer. *Chartres*, 1680. 4°.

Bryantson (John). The mutations of the seas; or, A manifest reason given for all the mutations observed in the seas...*London: G. Larkin*, 1683. 2 p.l., 3–34 p. sq. 12°.

Le Cordier (S.) Journal de navigation. Dans lequel est plainement enseigné & clairement démontré l'Art & la Science des Navigateurs. Montrant en premieur lieu de quelle maniere les Pilotes doivent composer leurs Journaux, Navigans par Latitude & Longitude, faisant l'application des regles du Cercle & Quartier de Proportion. Et en second lieu une Méthode nouvelle pour resoudre en travailler chaque regle du Cercle ou Quartier de Proportion en particulier, avec l'application de chacune, & les remarques qu'on doit faire sur iselles; le tout solidement démontré & traité en peu de paroles. *Havre de Grace: Jacques Gruchet*, 1683. 9 p.l., 292 p.; 8 p.l., 328 p. 2 v. 16°.

Last edition is noted below under 1734.

Sturmy (Samuel). The Mariner's Magazine, stor'd with these mathematical arts: The Rudiments of Navigation and Geometry. The Making and Use of divers Mathematical Instruments. The Doctrine of Triangles, Plain and Spherical. The Art of Navigation, by the Plain-Chart, Mercator's-Chart, and the Arch of a Great Circle. The Art of Surveying, Gauging, and Measuring. Gunnery and Artificial Fire-Works. The Rudiments of Astronomy. The Art of Dialling. Also with tables of Logarithms...whereunto are annexed, An Abridgment of the Penalties and Forfeitures, by Acts of Parliament, relating to the Customs, and to Navigation. And, A Compendium of Fortification. The Third edition, diligently Revised and carefully Corrected, By John Colson. *London: John Playford for W. Fisher and R. Mount*, etc., 1684. 14 p.l., 196 p., 1 l., 174 (1), (24) l., 9 pl. f°.

De la **Theorie** de la manœuvre des vaisseaux. [By Bernard Renou d'Eliçagary.] *A Paris : Estienne Michallet*, 1689. 5 p.l., 117 p., 25 pl. 12°.

Smith (*Captain* John). The seamans grammar and dictionary, explaining all the difficult terms in navigation; and the practical navigator and gunner; in two parts... *London: R. Taylor*, 1691. 5 p.l., 163 p., 1 pl. 4°.

—— —— *London: T. Doing and B. Griffin*, 1692. 4 p.l., 163 p., 1 pl. 4°.

"A Sea Grammar" noted above under date of 1627.

Gaztañeta Ytvrrivalzaga (Antonio de). Norte de la navegacion hallado por el qvadrante de redvccion, que ofrece, y dedica a el señor Dor. D. Andres de Ybarburu, Y Galdona, Maestre-Escvela dignidad, y Canonig de la S. Iglesia Metropolitana, y Patriarcal de Sevilla. El capitan D. Antonio de Gaztañeta, Ytvrrivalzaga, Piloto mayor de la Real Armada del Mar Occeano. *Sevilla: Jvan Francisco de Bla*, 1692. engr. title, 14 p.l., 185, (1) ff., 11 pl. f°.

Colson (Nathaniel). The mariner's new Kalendar. Containing The Principles of Arithmetick and Geometry...Together with Exact Tables... Also The Description and Use of the Sea-Quadrant, Forestaff and Nocturnal. The Problems of Plain-Sailing and Astronomy, wrought by the Logarithms, and by Gunter's Scale. A Rutter for the Coasts of England, Scotland, Ireland, France, &c. And the Soundings coming into the Channel. With Directions for Sailing into some Principal Harbours. *London: J. D. for Richard Mount*, 1697. 152 p. 4°.

P. 2. contains 23 titles of "Mathematical and Sea-books, Printed for Richard Mount, Book-seller, at the Antient Shop by the Postern on Tower-Hill."

Norwood (Richard). The Seaman's Practice; containing A Fundamental Problem in Navigation, Experimentally Verified: namely, Touching the Compass of the Earth and Sea, and the Quantity of a Degree in our English Measures. Also, An exact

Navigation—Early Books, 1697–1731.

Method or Form of keeping a Reckoning or Journal at Sea in any kind or manner of Sailing. With certain Tables and other Rules used in Navigation. As also the Plotting and Surveying of Places; The Latitude of the Principal Places in England; The finding of the Currents at Sea, and what Allowance is to be given in respect of them. *London: Richard Mount*, 1697. 3 p.l., 1–56, 51–58, 61–129 p., 1 l., 4°.

P. 2. contains 23 titles of "Mathematical and Sea-books, Printed for Richard Mount, Book-seller, at the Antient Shop by the Postern on Tower-Hill."

Savery (Thomas). Navigation Improv'd; or, The Art of Rowing Ships Of all Rates, in Calms, with a more easy, swift, and steady Motion, than Oars can. Also, A Description of the Engine that performs it; And the Author's Answer to all Mr. Dummer's Objections that have been made against it. *London: James Moxon*, 1698. 4 p.l., 22 p., 1 l. 12°.

The final leaf contains a list of "Books Printed and Sold by James Moxon at the Atlas in Warwick-Lane."

—— —— [Reprinted in type facsimile by R. B. Prosser, 1880.] 4 p.l., 22 p., 1 pl. 12°.

Love (James). The Mariner's Jewel. [Extracts from the 5th ed., London, 1705, pp. 88 ff. on the working of a ship at sea, with introduction by J. Dundas White.] (Nautical Maga. *London*, 1901. v. 70, pp. 69–74.)

Bouguer (Pierre). Traité complet de la navigation...Nouvellement revû, corrigé & augmenté par l'Auteur... *A Paris, et se vend à Nantes, Chez P. De Henqueville et Chez l'Auteur, au Croisie*, 1706. 4 p.l., 252 (2) p., 10 pl. 4°.

Later editions noted under 1753, 1757, 1781.

Blondel (Guillaume). *Sieur de Saint Aubin.* Le veritable art de naviger par le quartier de reduction, Avec lequel on peut réduire les Courses des Vaisseaux en Mer, & enrichi de plusieurs raretez qui n'ont point encore été découvertes. Par le Sieur G. Blondel S. Aubin. Revû, corrigé & augmenté par le même Auteur. Dernière edition. *Havre de Grace: Guillaume Gruchet*, 1713. 6 p.l., 156, 70 p., 1 pl. 4°.

First part treats of navigation "par le quartier de reduction," the second "par le compas de proportion."
A later edition is noted under 1783.

Essay (An) towards a new method to shew the longitude at sea; especially near the dangerous shores. *London: E. Place*, 1714. 3 p.l., 9–19 p., 1 l., 1 pl. 12°.

Alimari (Dorotheus). Dorothei Alimari, Mathematici Veneti, longitudinis aut terra aut mari Investigandæ methodus. Adjectis insuper Demonstrationibus, & Instrumentorum Iconibus. *Londini: Sumptibus Bibliopolarum in vico dicto the Strand*, 1715. 1 p.l., xiv, 185 p., 5 pl. 8°.

Rivinus (Andreas). A. Rivini...De venilia et salacia, nec non malacia. (In: Grævius, J. G.: Collectio dissertationum...rarissimarum. *Trajecti Batavorum*, 1716. 4°. pp. 676–755.)

De Saumarez (Henry). An account of the proceedings of Henry De Saumarez of the island of Guernesey, Gent. Concerning his discovery of an invention, by which the course of a ship at sea may be better ascertained than by logg-line. . *London*, 1717. 18 p., 1 l. 4°.

Great Britain.—*Statutes.* A Bill for better Preservation of his Majesty's Woods in America, and for the Encouragement of the Importation of Naval Stores from thence, and to Encourage the Importation of Masts, Yards, and Bowsprights, from that part of Great-Britain called Scotland. [*London?*, 172–.] 11, (1) p. f°.

Gordon (George). A compleat discovery of a method of observing the longitude at sea. *London: The author*, 1724. 32 p. 8°.

De Saumarez (Henry). A letter to a friend, setting forth the case of the author of the marine surveyor. Being an instrument design'd for the improvement of navigation...[By H. De Saumarez.] *London*, 1725. 47 p. 4°.

Rowe (*Capt.* Jacob). Navigation improved: in Two books. Book I. Containing an exact description of the Fluid Quadrant for the latitude; or, Quadrants reduc'd to the utmost degree of portableness...Book II. An essay on the discovery of the longitude, by a new invention of an everlasting Horometer...*London: J. Hooke*, 1725. 1 p.l., xvi, 43 p., 4 pl. 12°.

Alexandre (J.) Traité du flux et reflux de la mer. *Paris*, 1726. 12°.

Sully (H.) Description abregée d'une horloge d'une nouvelle invention pour la juste mesure du temps sur mer. *Paris*, 1726. 4°.

Radoüay ( ) de. Remarques sur la navigation, et moyens d'en perfectionner la pratique. Par Monsieur de Radoüay, Chevalier de l'Ordre Militaire de S. Louis & Captaine des Vaisseaux du Roy. Avec les Figures en Taille douce de quelques mouvemens d'Armée & manœuvres de Vaisseau à Vaisseau: L'on y a joint la réprésentation de plusieurs nouveaux Instrumens propres à perfectionner la Navigation. *Paris: François Fournier*, 1727. xv, 142 p., 7 pl. 4°.

W[right] (R[obert]). An humble address To the Right Honourable the Lords, And the rest of the Honourable Commissioners, Appointed by Act of Parliament to judge of all Performances Relating to the Longitude, wherein it is demonstrated from Mr. Flamsteed's Observations, that by the late incomparable Sir Isaac Newton's Theory of the Moon, as it is now freed from some Errors of the Press, the Longitude may be found by Land or Sea, either Night or Day, when the Moon is visible, and in proper Weather, within very few Miles of Certainty. *London: Printed for T. Page, W. & F. Mount, at Tower Hill, John Osborne and Thomas Longman in Pater-noster row, and James Ansdell, Bookseller in Liverpool*, 1728. 48 p., 1 pl. 4°.

Harris (Joseph). A treatise of navigation: containing, I. The theory of navigation demonstrated; ..,II. Nautical problems...III. Astronomical problems...IV. Practical navigation...*London: Printed for the Author*, 1730. xviii, 238 p., 12 pl. 4°.

Hadley (John). The description of a new instrument to taking angles. (Philosoph. Transac. v. 37, pp. 147–157. *London*, 1731.)

Pitot (H.) La theorie de la manœuvre des vaisseaux, reduite en pratique ou Les principes et les regles pour Naviguer le plus advantageusement qu'il est possible. *Paris: Claude Joubert*, 1731. 10 p.l., 119 (1) p., 21 l., 8 pl. 4°.

Navigation—Early Books, 1732–1764.

Traité général des manœuvres des vaisseaux, contenant les proportions des mâts & vergues... *Havre de Grâce: Veuve de G. Gruchet*, 1732. 176 p., 2 l. 12°.

Wright (Robert). New and Correct Tables of the lunar motions, according to the Newtonian theory: As it is truly freed from all Errors of the Press . . . *Manchester: Printed by R. Whitworth, for the Author*, 1732. viii, xii, 13–100 p. 4°.

"These Books in Quarto, bound up together, one for finding the Moon's Place by Observation, the other by Calculation, make a complete System of all that is yet wanting in Navigation."—*Note on title-page.*

Hadley (John). A spirit level to be fixed to a quadrant for taking a meridional altitude at sea, when the horizon is not visible. (Philosoph. Transac. v. 38, pp. 167–172. *London*, 1733.)

Le Cordier. Instruction des pilotes... Par feu M. Le Cordier, Hydrographe du Roy. Derniere edition, Revûë & corrigée par J. Le Cordier, Prêtre, aussi Hydrographe du Roy à Dieppe. *Havre de Grace: Guillaume Gruchet*, 1734. 4 p.l., 188 p., 6 l.; 3 p.l., 188 p., 3 l. 2 v. in 1. 16°.

In v. 2, verso of last leaf after p. 188 has "Catalogue des Livres & Cartes Marine imprimez chez la Veuve de Guillaume Gruchet, Imprimeur & Marchand Libraire au Havre de Grace, & qui se trouvent dans sa Boutique."

1. ed. noted above under 1683.

Gonzalez de Ureña (Juan). Delineacion de lo tocante al conocimiento del punto de longitud del globo...y de la causa de las crecientes, y menquantes del mar...*Madrid: D. M. de Peralta*, 1740. 8 l., 368 p., 2 diagrams. 4°.

Smith (Caleb). The description, use, and excellency of a new instrument, or sea quadrant, invented by Caleb Smith, for taking altitudes of the sun, moon, and stars, from the visible horizon (as well as any other angular distances at land or sea) without impediment or interruption from the ship's motion, whereby the latitude at sea may be obtained ...*London: To be had of the Inventor, at his Office for Insuring Ships and Merchandize, in Castle-Alley* [1740?]. 24 p., 1 pl. 8°.

American (The) traveller; being a new historical collection... from original memoirs...containing...the rise, progress...of navigation, the use... of the loadstone...*London: J. Fuller*, 1743. 1 p.l., 398 p., 3 pl., 1 port. 4°.

Mountaine (William). The seaman's vademecum, and defensive war by sea, containing the proportions of rigging, masts and yards...&c... *London: W. Mount & T. Page*, 1744. 1 p.l., v–ix, (1), 1 l., 262 p., 3 pl. nar. 16°.

—— —— *London*, 1761. 12°.

Saverien ( ). Nouvelle theorie de la manœuvre des vaisseaux, a la portée des pilotes. Par M. Saverien, Ingenieur de la Marine. *Paris: Veuve d'André Knapen & Charles-Antoine Jombert*, 1745. 8 p.l., 180, xx p., 3 l., 12 pl. 12°.

Mandillo (Jean-Baptiste). Extrait du livre de la parfait navigation par la latitude, et la longitude ...*Paris: Antoine Boudet*, 1746. 2 p.l., 44 p., 2 pl. 12°.

Euler (Leonhard). Scientia navalis. *Petropoli*, 1749. 2 v. 4°.

Bouquer (Pierre). Nouveau traité de navigation, contenant la théorie et la pratique du pilotage. *Paris: Hippolyte-Louis Guerin & Louis-Francois Delatour*, 1753. xxiv, 442 p. 15 pl. 4°.

An earlier edition noted under 1706, and a later one under 1781.

Murray (Mungo) A treatise on ship-building and navigation. In three parts...To which is added by way of appendix, an English abridgment of another treatise on naval architecture, lately published at Paris by M. Duhamel...*London: the Author*, 1754. 8 p.l., 268, 74, 2 l., 70 p., 18 pl. sq. 4°.

Bouquer (Pierre). De la manœuvre des vaisseaux, ou traité de méchanique et de dynamique; Dans lequel ou réduit à des solutions très-simples les Problêmes de Marine les plus difficiles, qui ont pour objet le mouvement du Navire. *Paris: H. L. Guerin & L. F. Delatour*, 1757. 2 p.l., xxx, 520 p., 15 pl. 4°.

Earlier editions noted under 1706 and 1753, and a later edition under 1781.

Hudiq (H.) Oratio de rei nauticæ, in primis Batavicæ, utilitate et commodis. *Goudæ*, 1757. 24 p., 4 l. 8°.

Vdemans (Willems), *jr.* Korte Verhandeling van den Nederlandschen Scheepbouw... *Middleburg, Amsterdam: Gedrukt voor dem Autheur*, 1757. 7 p.l., 79 p., 20 l. 4°.

Berthelot ( ), *Sieur.* Traité de navigation. 6. ed. *Marseille: Antoine Favet*, 1759. 6 p.l., 272 p. 12°.

1. ed. apparently issued in 1701.

Le Royer (J.) Causæ fluxus et refluxus maris, ventorum, et febris intermittentis. *Paris*, 1760. 24°.

Abel (Thomas). Subtensial plain trigonometry, wrought with a sliding-rule, with Gunter's lines: and also arithmetically...Apply'd to navigation and surveying...*Philadelphia: printed...for the author by A. Steuart*, 1761. 2 p.l., 86 p., 7 pl. 4°.

Maskelyne (Nevil). A letter from Nevil Maskelyne to Thomas Birch: containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion. (Philosoph. Transac. v. 52, pp. 558–577. (no. 93.) *London*, 1762.)

—— Methodus nova inveniendi longitudines locorum terra marique per lunam. [Anon. *Leipzig*, 1764 or 1771.] pl. sq. 8°.

[**Charnières** ( ) de.] Mémoire sur l'observation des longitudes en mer, publié par ordre du roi. *Paris: Imprimerie royale*, 1767. 1 p.l., xvj, 112 p., 3 pl. 8°.

—— Expériences sur les longitudes, Faites à la Mer en 1767 & 1768. Publiées par ordre du roi. *Paris: Imprimerie royale*, 1768. xiv, 72 p. 8°.

—— Théorie et pratique des longitudes en mer, publiées par ordre du roi. *Paris: Imprimerie royale*, 1772. 1 p.l., xvi, 260 p., 5 pl. 8°.

Bezout (Etienne Louis). Cours de mathématiques à l'usage des gardes du pavillon et de la marine, avec les suites. *Paris*, 1764–69. 6 v. 8°.

—— —— Nouvelle édition. *Paris*, 1770–81. 6 v. 8°

Navigation—Early Books, 1768–1783.

Pingré ( ). Journal du voyage de M. le Marquis de Courtanvaux, Sur la Frégate l'Aurore, pour essayer par ordre de l'Académie, plusieurs Instrumens relatifs à la Longitude. Mis en ordre par M. Pingré, Chanoine régulier de Ste. Geneviève, nommé par l'Académie pour coopérer à la vérification des dits Instrumens, de concert avec M. Messier, Astronome de la Marine. *Paris: Imprimerie Royale,* 1768. 1 p.l., viii, 316, (3) p., 5 pl., map. 4°.

Amman (C.) Quadrans astronomicus novus descriptus et examinatus...*Augustæ Vindelicorum,* 1770. 91 p., 3 pl., 1 tab. 4°.

Exposition des moyens les plus faciles de résoudre plusieurs questions dans l'art de la navigation; et démontrés á l'aide des principes de géométrie élémentaire; avec une table des sinus verses et de leurs logarithmes. *Paris: Saillant & Nyon,* 1772. 1 p.l., viij, 96 p., (25) l., 1 pl. 12°.

Berthoud (F.) Eclaircissemens sur l'invention, la théorie, la construction, et les épreuves des nouvelles machines proposées en France, pour la détermination des longitudes en mer par la mesure du temps...*Paris: J. B. G. Musier,* 1773. viii, 164 p. 4°.

—— Traité des horloges marines. *Paris,* 1773. 4°.

Euler (Leonhard). Théorie complette de la construction et de la manœuvre des vaisseaux. *St. Petersbourg,* 1773. 8 p.l., 354 p., 11 pl. 8°.

2. ed. noted below under 1776.

Fleurieu (C. P. Claret de), *Count.* Voyage fait par ordre du roi en 1768 et 1769, à différentes parties du monde, pour éprouver en mer les horloges marines inventèes par M. Ferdinand Berthoud. *Paris: Imp. Royal,* 1773. 2 v. 4°.

Lous (C. C.) Tentamina experimentorum ad compassum perficiendum et unicuique usui tam nautico quam terrestri accomodandum. *Hafniæ: Soc. Typographica,* 1773. 1 p.l., 130 p., 8 pl. 4°.

New (A) set of Logarithmic Solar Tables, calculated and constructed for determining the latitude at sea, by taking two altitudes either in the Forenoon or Afternoon, with the intermediate time, by a common Watch; and that with Ease and Accuracy, independent of the Sun's meridional Altitude...To which is added, A complete theory, Illustrating the Rationale of this most useful Discovery. *London: J. Mount and T. Page,* 1773. 4. ed. 38 p. 4°.

"These Table [*sic*] were offered to us by Mr. Richard Harrison . . . who assures us in the strictest Manner, that he obtained them in Manuscript from a Hollander, and that they have never been published." p. 2.

Berthoud (Ferdinand). Les longitudes par la mesure du temps, ou méthode pour déterminer les longitudes en mer, avec les secours des horloges marines. Suivie du Recueil des Tables nécessaires au Pilote pour réduire les Observations relatives à la Longitude & à la Latitude. *Paris: J. B. G. Musier,* 1775. 1 p.l., iv, 90, 34 p., 1 pl. 4°.

Haselden (Thomas). The seaman's Daily Assistant, being a Short, Easy, and Plain Method of keeping a journal at sea; In which are contained rules shewing How the Allowances for Leeway, Variations, Heave of the Sea, Set of Currents, &c. are to be made, and to correct the Dead-Reckoning by an Observation, in all Cases: And also all the Tables that are any Ways necessary for the Seaman's Use in keeping a journal. *London: J. Mount & T. Page,* 1775. 4 p.l., 160 p. 4°.

Euler (Leonhard). Theorie complete de la construction et de la manœuvre des vaisseaux. *Paris,* 1776. nouv. ed. 4 p.l., 268 p., 6 pl. 12°.

Levèque (P.) Tables générales de la hauteur et de la longitude du nonagésime, calculées pour toutes les latitudes terrestres. *Avignon,* 1776. 2 v. 8°.

Vel-instruerede (Den) Skipper, eller fuldstændig Anviisning, hvad en Skipper har at iagttage, baade förend han tiltrœder Reysen, samt imedens den varer, og efterat den er fuldent, med et Tillæg hvorudi indeholdes de fornemste söecontractor, Skibs-Documenter, og andre for de Söefarende Negotierende nyttige Efterretninger . . *Kiöbenhavn: Friderich Christian Pelt,* 1776. 4 p.l., 544 p. 16°.

Chierlin (L. A.) Sjömäns dagelige assistent. *Stockholm,* 1777. 4°.

Degaulle (J. B.) Construction et usage d'un nouveau compas azimutal à reflexion...*Havre: P. J. D. G. Faure,* 1779. vii, 52 p., 1 pl. 8°.

Bouguer (Pierre). Nouveau traité de navigation, contenant la théorie et la pratique du pilotage . . . Revu and Abrégé par M. l'Abbé De la Caille... Nouv. ed. *Paris: Veuve Desaint,* 1781. xxxij, 376 p., (49) l., 13 pl. 8°.

Earlier editions noted under 1706, 1753, 1757, 1781.

Garra de Salagoïty (J.) Elémens de la science du navigateur. Par M. l'Abbé Garra de Salagoïty, Professor d'Hydrographie à Bayonne... *Paris: L. Cellot,* 1781. 2 p.l., xij, 184 p., 1 pl.; xij, 203 p., 2 pl. 12°.

Maskelyne (Nevil). Tables requisite to be used with the Nautical Ephemeris, for finding the latitude and longitude at sea. Published by order of the commissioners of longitude. The second edition, corrected and improved. *London: Printed by Wiliam Richardson, in the Strand and sold by C. Nourse in the Strand, and Mess. Mount & Page, on Tower Hill,* 1781. vi, (2), 173 p., 1 l., 64 p., 2 l. 8°.

Blondel (Guillaume), *Sieur de Saint Aubin.* Le véritable art de naviguer par le quartier de réduction, avec lequel on peut réduire les courses des vaisseaux en mer, & enrichi de plusieurs raretés qui n'ont pas encore été découvertes. Revû, corrigé & augmenté. Derniere édition. *Au Havre de Grace: Chez [?] D. G. Faure,* 1783. 2 p.l., 172 p. 12°.

An earlier edition is noted under 1713.

Juan y Santacilla (Jorge). Examen maritime, théorique et pratique, ou traité de méchanique, appliqué à la construction et à la manœuvre des Vaisseaux & autres Bâtiments. Par Don Georges Juan...Chef d'Escadre des Armées Navales de Sa Majesté Catholique...Traduit de l'Espagnol, avec des additions, par M. Levéque, Ingénieur Hydrographe de la Marine. *Nantes: l'Auteur,* 1783. xij, 396, 12 p., 5 pl.; 1 p.l., 364, 14 p., 8 pl. 2 v. 4°.

Blondeau ( ) *and* H. S. V. de CLAIRBOIS. Marine. *Paris,* 1783–7. 3 v. 4°. (Encyclopedie Methodique.)

Navigation—Early Books, 1785–1800.

La Coudraye, Chevalier de. Dissertation sur l'observation de la longitude à la mer, dans laquelle on se propose de rendre intelligible à tous les marins la méthode des distances de la lune au soléil... *Bordeaux: Pallandre l'aîné*, 1785. 8°.

Borda (Ch. de). Description et usage du cercle de réflexion... *Paris*, 1787. 4°.

Boscovich (Roger Joseph). Abris der Astronomie, mit Rücksicht auf ihre Verbindung mit der Schiffahrt. Aus dem Französischen. *Leipzig: Paul Gotthelf Kummer*, 1787. 4 p.l., 93 (1) p., 1 l., 2 folded l. 12°.

Lassale (L. D.) Cours d'hydrographie, ou de navigation, Professé à Paris, & mis à la portée de tous les Navigateurs. *A Londres, Et se trouve à Paris, chez Royez*, 1787. xvi, viii, 266 p., 7 pl.; 2 p.l., 220 p., 1 l., 1 folded l., 63 p., 2 pl. 12°.

Maskelyne (Nevil). Concerning the latitude and longitude of the Royal Observatory at Greenwich; with remarks on a memorial of Cassini de Thury. *London*, 1787. 4°.

Romme (Charles). L'art de la marine, ou, Principes et préceptes généraux de l'art de construire, d'armer, de manœuvrer et de conduire des vaisseaux. *Paris: Barrois*, 1787. 2 p.l., 588 p., 1 l., 7 pl. 4°.

Differs from the Rochelle edition only in the lining of the title-page, the text of the two issues being printed from same composition.

On verso of title of Paris issue is a list of 18 titles of books on navigation for sale by Barrois.

—— —— *Rochelle: P. L. Chauvet*, 1787. 2 p.l., 588 p., 1 l., 7 pl. 4°.

Pellizer (Joseph Emanuel). Memoir for the correction of time, shewing a new system of the universe, invented by P., who intends to give his manner of finding weight and measure, with an easy manner of correcting the longitude at sea and land. 17 p. [*London?* 1790?] 8°.

Shipmaster's assistant and owner's manual, containing complete information to merchants, masters of ships, and officers in the R. Navy. *London: D. Steel*, 1790. 3. ed. 8°.

Brodhagen (D.) Verschied-bekannten Method z. Bestimmung d. Länge u. Breite besonders in Rücksicht des Seemans. *Hamburg*, 1791. 4°.

Ciscár (Francisco). Reflexiones sobre las máquinas y maniobras del uso de á bordo ordenadas por Don Francisco Ciscár, teniente de navio de la real armada. *Madrid: En la Imprenta real*, 1791. xxxii, 386, 23 p., 23 pl. f°.

Lassale (L. D.) Hydrographie démontrée et appliquée à toutes les parties du pilotage. *Paris*, 1792. 8°.

Nichelson (William). A treatise on practical navigation and seamanship, with Remarks, Observations, and Directions for managing and conducting a Ship...and also a full...description of the English Channel...with whatever is necessary for the Seaman to know by way of Improvement. To make ships and the management of them, and also navigation in general more perfect... *London: The author*, 1792. (2) xliv, 328 p., 1 pl. 4°.

Dulagne (V. F. J. N.) Leçons de navigation. *Rouen*, 1793. 4. ed. pl. 8°.

Lalande (Jerome). Abrégé de navigation, historique, théorique et pratique. *Paris*, 1793. 4°.

Margetts (George). Longitude tables for correcting the effect of parallax and refraction on the distance observed between the moon and the sun, or a fixed star... *London* [1793]. pl. f°.

Patterson (Robert). A new table of latitude and departure, for every degree and five minutes of the quadrant, and for every point and quarter of the compass; with a full explanation... [*Philadelphia:*] *Stewart and Cochran*, 1794. 6 p.l., 7–30 p. 16°.

Bohnenberger (J. G. F.) Anleitung zur geographischen Ortsbestimmung vorzüglich vermittelt des Spiegelsextanten. *Göttingen: Vandenhõk & Ruprecht*, 1795. viii, 5 l., 514 pp., 7 pl. 8°.

ANMERKUNGEN zu Bohnenberger's Geographischer Ortsbestimmung und den Astronomischen Jahrbüchern. Berlin, 1816? 2 v. f°.

Manuscript. Original published in 1795.

Roswall (Fabian Casimir). En sjõmans dageliga-hjelpreda, Eller Korrt Sammandrag Af En Practisk Theori uti Styrmans-Konsten. *Stockholm: Tryckt hos Johan Pehr Lindh, På Kongl. Krigs-Academiens bekostnad*, 1796. 5 p. l., 158 p. (108) l., 4 pl. 8°.

4. ed. noted below under 1824.

Swinden (J. H. van). Verhandeling over het bepaalen der lengte op zee, door de afstanden van de maan tot de zon, of vaste sterren . . . 3. vermeerderde druk, uitgegeeven op last van het Comité tot de Zaaken van de Marine. *Amsterdam*, 1796. 8°.

Berzout (Etienne Louis). Cours de mathématiques à l'usage de la marine et d'artillerie, revue et augmenté par Peyrard. *Paris*, 1798–9. 3 v. 8°.

Cassini (Jean Dominique). Description d'une nouvelle boussole propre à déterminer avec la plus grande précision la direction et la déclinaison absolue de l'aiguille aimantée. Lu le 11 floréal an 7. 4°. (Academie de France.)

Venturi (G. B.) Description of the longitude scale. (In his: Experimental enquiries. *London*, 1799. 4°.)

Williams (Jonathan). Thermometrical navigation: a series of experiments, tending to prove that by ascertaining the relative heat of the seawater... the passage of a ship through the Gulph Stream... may be discovered in time to avoid danger... *Philadelphia*, 1799. chart. 8°.

Hadley (John). The nature and use of Hadley's quadrant; and a description of the nonius. [Imperf.] *London*, 1800. 8°.

Moore (J. H.) The new practical navigator... containing the different methods of working the lunar observations and all the... tables used with the nautical almanac... the whole exemplified in a journal kept from England to the Island of Teneriffe... 1, Am. from the 13. Eng. ed.... rev. and corr. by a skillful...navigator [Edmund M. Blunt] ... *Newburyport: E. M. Blunt*, 1800. vi–xii, 13–570 p., 7 pl. 2. ed. 8°.

Romme (Charles). La science de l'homme de mer, ou Principes d'Arithmétique, de Géometrie, d'Astronomie & de Méchanique, dont l'application est nécessaire & utile à l'Art de la Marine. *Im-*

Navigation—Early Books, 1800–1809.

primé chez P. L. Chauvet, à la Rochelle; Et se vend à Paris, chez Barrois l'ainé [1800]. 1 p.l., xjv, 611 (3) p., 3 pl. 8°.

On verso of bastard title is an "Extrait du Catalogue des Livres qui retrouvent chez Barrois, l'ainé," 25 titles, relating to navigation and allied sciences.

Rios (J. de Mendoza). Tables for facilitating the calculations of nautical astronomy... *London,* 1801. 4°.

Second edition noted below under 1809.

Borda (Ch. de). Description et usage du cercle de reflexion.... 2. ed. *Paris,* An XI, (1802.) 4°.

Bowditch (Nathaniel). The improved practical navigator; containing all necessary instruction for determining the latitude by various methods, and for ascertaining the longitude by lunar observations, in a complete Epitome of Navigation...to which is added a number of new tables... Originally written and calculated by Nathaniel Bowditch ... revised, re-calculated, and newly arranged, by Thomas Kirby. *London: James and John Hardy, and David Steel,* 1802. 4, v–xvi, 17–22 p., 1 l., 1–304 p., (126) l. 8°.

—— The new American practical navigator: being an epitome of navigation, containing all the tables necessary to be used with the nautical almanac, in determining the latitude; and the longitude by lunar observations; and keeping a complete reckoning at sea: illustrated by proper rules and examples, the whole exemplified in a journal kept from Boston to Madeira, in which all the rules of navigation are introduced... *Newburyport, (Mass.): Edmund M. Blunt,* May 1807. 2. ed. xiv, 15–679 p., 10 pl. (no. 6 lacking). 8°.

—— —— *New York: E. M. Blount, and Samuel Burtus,* Aug. 1817. 1. stereotype (4.) edition. xiv, 1 l., 274, 280, 555–597 p., 12 pl. 8°.

—— —— *New York: Published by Edmund M. Blunt, proprietor, and author of the American coast pilot, for William Hooker, No.* 202 *Water-Street. J. Seymour printer,* 1821. 5. stereotype edition. xiv, 1 l., 272, 9–296, 555–594 p., 12 pl. 8°.

—— —— *New York: E. & G. W. Blunt,* 1836. 8. stereotype ed. xv, (i), 288, 298, 571–618 p., 12 pl. 8°.

—— —— *Washington: Government Printing Office,* 1868. 1 p.l., 8, iii–xix (i), 289, 460 p., 14 pl. 8°.

Copyright became property of the United States Government under provision of an act of Congress to establish a Hydrographic Office in the Navy Department, approved June 21, 1866.

—— —— *Washington: Government Printing Office,* 1876. 1 p.l., 8, iii–xix (1), 289, 515 p., 14 pl. 8°.

—— —— The American practical navigator, being an epitome of navigation and nautical astronomy. Revised by order of the bureau of navigation, navy department. *Washington: Government Printing Office,* 1883. xiv, 647 p., 8 pl. 8°.

Revision was made by Commander P. H. Cooper, U. S. N., certain chapters being contributed by Lieuts. Richard Wainwright and Charles H. Judd, U. S. N., the whole being reviewed by Capt. Ralph Chanler, U. S. N.

—— —— Revised in 1880, under the direction of the Bureau of Navigation, Navy Department, by Commander P. H. Cooper, U. S. Navy. Revised in 1903, under the direction of the Bureau of Equipment, Navy Department, by Lieut. G. W. Logan, U. S. Navy. *Washington: Government Printing Office,* 1903. 652 p. 8°.

—— —— Revised in 1880, under the direction of the Bureau of Navigation, Navy Department. Revised in 1903, under the direction of the Bureau of Equipment, Navy Department. *Washington: Government Printing Office,* 1906. 652 p. 8°. (U. S. Hydrographic Office. No. 9.)

"This edition is a reprint of the revised edition, 1903, with no change made in the text or tables of that edition except the correction of such errors as have been discovered in it to the present date."—p. 4.

Roswall (Fabian Casimir). Konungens stabsadjutants och riddarens Fabian Casimir Rosvalls Försök till Hjelpreda för Nybegynnare i skeppsmanövern. *Stockholm: Carl Delén,* 1803. 5 p.l., 222 p., 5 pl.; 8 p.l., 206 p., 1 l., 5 pl. 2 v. 8°.

Schubert (F. T.) Anleitung zu der astronomischen Bestimmung der Länge und Breite. *St. Petersburg,* 1803. 4°.

Reboul (A. J.) Notes et additions aux trois premières sections du Traité de navigation de Bezout. *Paris,* 1804. pl. 8°.

The only edition of Bezout's "Traité" noted in the catalogues of the British Museum or the Bibliothèque National is the "Nouvelle édition ... par M. de Rossel," Paris, 1814. There is no copy of the work in the New York Public Library.

Andrew (J.) Astronomical and nautical tables, with precepts for finding the longitude and latitude of places... *London,* 1805. 8°.

Burke (Edward D.) A key to practical navigation... *Baltimore: Wane & Murphy,* 1805. 16 p. 8°.

Prony (G. C. F. M. R. de). Mémoire sur le calcul des longitudes et des latitudes. *Paris,* 1806. 4°.

Romme (Charles). Tableaux des vents, des marées, et des courans sur toutes les mers du globe, avec des reflexions sur ces phénomènes. *Paris: L. Duprat-Duverger,* 1806. 2 v. 8°.

Suzanne (P. H.) Elémens de la manœuvre des vaisseaux. *Paris,* 1806. 8°.

Brarens (Heinrich). System der praktischen Schifferkunde. *Friedrichstadt,* 1807. pl. 16°.

Mackay (Andrew). (B. B. Hopkins & Co.'s premium edition of) the Complete Navigator; or an easy and familiar guide to the theory and practice of navigation. With all the requisite tables, &c., &c. Illustrated with engravings. To which is added, a concise system of calculations for finding the longitude at sea, by the lunar observations by P. Delamar. *Philadelphia: Published by B. B. Hopkins & Co., and sold by W. P. Ferrand, no.* 170, *Market-street, Printed by T. & G. Palmer,* 1807. xxiii, (1), 275, (1), 40, 220 p., 7 pl. 8°.

Du Bourguet (J. B. E.) Traité de navigation. *Paris: Chez l'Auteur,* 1808. xvi, 494 p., 3 pl., 2 tables. 4°.

Gower (Richard Hall). Treatise on the theory and practice of seamanship, together with a system of naval signals... *London: Wilkie & Robinson,* 1808. xxvii, (1) 242 p., 1 l. illus. 3. ed. 8°.

Rios (J. de Mendoza). A complete collection of tables for navigation and nautical astronomy... 2. ed. *London,* 1809. 4°.

First edition noted above under 1801.

Navigation—Early Books, 1811–1837.

Liddel (Robert). The seaman's New Vade-Mecum; containing a practical essay on naval book-keeping... and complete instructions in the duty of a captain's clerk...&c. *London: Steel & Co.*, 1811. xvi, 554 p. 5. ed. 8°.

Bennett (Samuel). A new explanation of the ebbing and flowing of the sea, upon the principles of gravitation. *New York: the author*, 1816. viii, 9–79 p., 1 pl. 8°.

Bain (William). An essay on the variation of the compass... with practical observations and remarks. *Edinburgh*, 1817. 8°.

Bowditch (Nathaniel). The new American practical navigator. *New York*, 1817. See under 1802 above.

Day (Jeremiah). The mathematical principles of navigation and surveying, with the mensuration of heights and distances. Being the fourth part of A course of mathematics, adapted to the method of instruction in the American colleges. *New Haven: Steele and Gray*, 1817. 2 p.l., 108 p., 6 l. 1 pl. 8°.

Laplace (P. S. de). Mémoire sur le flux et le reflux de la mer. *Paris*, 1818. 4°.

Lever (Darcy). The young sea officer's sheet anchor; or, A key to the leading of rigging and to practical seamanship. With an appendix... *London: J. Richardson* [1819]. xii, 1 l., 124 p. 2. ed. 4°.

Pratica del manovriere navale, ad uso della marina mercantile del regno delle Due Sicilie. Edizione 2a napolitana, dopo quella di Palermo del 1815, accresciuta. *Napoli*, 1819. 8°. (Bibl. del nav. merc., v. 2.)

Compendio di navigazione ad uso della marina mercantile del regno delle Due Sicilie. *Napoli*, 1819. 8°.

Bywater (J.) Observations on the deviation of the compass, with illustrative remarks on its magnetic principles... *London: Longman, Hurst & Co.*, 1820. 1 p.l., 46 p., 1 plan. 8°.

Bowditch (Nathaniel). The new American practical navigator. *New York*, 1821. See above under 1802.

Hoené-Wronski (J.) Pétition au Parlement britannique sur la spoliation d'un savant étranger par le Bureau des longitudes de Londres. *Londres*, 1822. 8°.

Deposition made ... by an ecclesiastic [F. Nolan] to attest the spoliation of a learned foreigner [Hoëne Wronski] by the British Board of Longitude. *London: D. S. Maurice*, 1822. 8 p. 8°.

Stansbury (Daniel). Tables to facilitate the necessary calculations in nautical astronomy... designed to enable navigators to determine their longitude from lunar observations... Prefixed, an explanation of the tables... *New York: the author*, 1822. xvi, 2 l., xv–cxi, 340 p. sq. 4°.

Roswall (Fabian Casimir von). Navigation, eller en sjömans dageliga handbok uti Styrmanskonsten, Jemte Alla nödiga Tabeller. Fjerde Upplagan... *Stockholm: Fr. B. Nestius, på Auktorns bekostnad*, 1824. 4 p.l., 212, 318, (2), 1 folded leaf, 5 pl. 8°.

1. ed. noted above under 1796.

Blunt (Edmund March). Theory and practice of seamanship; together with a system of naval tactics: with the rules... for the naval service... Compiled by Edmund M. Blunt... *New York: E. M. Blunt*, 1824. viii, 420 p., 9 pl. 2. ed. 8°.

Griffiths (Anselm John). Observations on some points of seamanship; with practical hints on naval economy, &c., &c. *Cheltenham: J. J. Hadley*, 1824. xii, 290 p. 8°.

Tiarks (J. L.) Short account of observations made with chronometers, in two expeditions sent out by the admiralty... for ascertaining the longitude of Madeira and of Falmouth... *London*, 1824. 4°.

Lynn (Thomas). Nautical and astronomical tables;...prefixed a full explanation of their uses; descriptions of the most important instruments employed by the mariner; copious rules and examples for finding the latitude, with short methods of ascertaining the longitude... *London*, 1825. 8°.

Poterat (M. de). Théorie du navire. *Paris*, 1826. 2 v. 4°.

Tengbergen (P. A.) *Super instituto navium per vada ductorum sive pilotarum, eorumque juribus et officiis; (het loodswezen.) *Lugduni Batavorum*, 1826. 5 p.l., vi, 131 p., 4 l. 8°.

Bonnefoux (P. M. J. de), *baron*. Nouvelles séances nautiques; ou, Traité élémentaire du vaisseau dans le port. Cet ouvrage est suivi d'un appendice contenant: 1°. Un vocabulaire français-anglais de termes de marine; 2°. Un choix de commandemens employés à bord... 3°. Un recueil français-anglais de phrases nautiques. *Paris: Bachelier*, 1827. xi, 368 p., 1 plan. 8°.

Lynn (Thomas). Horary tables for finding the time by inspection... *London*, 1827. 4°.

—— Supplement to the horary tables, for finding the time by inspection... *London*, 1827. 4°.

Navigation. *London: Baldwin & Cradock*, 1828. 1 p.l., 33 p. 8°. (Society for the Diffusion of Useful Knowledge. Library of Useful Knowledge.)

Knorr (E.) Disquisitio analytica de æstu maris. *Berolini*, 1830. 4°.

Taylor (*Mrs.* [J.]) Lunar tables, by which the true distance is obtained from the apparent altitudes, thereby avoiding the usual tedious preparations, previous to clearing a lunar distance. *London: Richards & Co.*, 1834. vi, 1 l., 22, 208 p. 8°.

Wrottesley (John Wrottesley), *2d baron*. Navigation. (In: Soc. Diff. Usef. Kn. Lib. usef. kn. Nat. phil., v. 3. 1834.)

Begemann (H. C.) Practisches Handbuch für Seefahrer. *Emden*, 1835. 8°.

Thomson (D.) Lunary and horary tables for ascertaining longitude by lunar observations or chronometers. *London*, 1835. 8°.

Bowditch (Nathaniel). The new American practical navigator. *New York*, 1836. See above under 1802.

Pilaar (J. C.) Handleiding tot de beschouwende en werkdadige stuurmanskunst. 2. deel. *Leiden: S. & J. Luchtmans*, 1837. 1 v. 8°.

Verdier (M.) Nouveau manuel complet de marine. *Paris*, 1837. 2 v. 12°.

Navigation—Early Books, 1839–1857.

Hall (Basil). Law of storms [from Foreign quarterly rev., Apr., 1839]. *n. t.-p.* 8°.

Mease (J.) Thermometrical observations as connected with navigation. *Philadelphia,* 1841. 8°.

Begemann (H. C.) Leerboek der Zeevaert Kunde. *Emden,* 1842. 8°.

Giquel (E.) Manuel de navigation. *Paris,* 1842. 12°. (Manuel Roret.)

Redfield (W. C.) Notice of Dr. Hare's Strictures on Prof. Dove's Essay on the law of storms. *n. t.-p.* [*New Haven,* 1843.] 8°.

Dubreuil (P. J.) Manuel de matelotage et de manœuvre, à l'usage des élèves du vaisseau l'Orion et des candidats aux places de capitaine au long cours et de capitaine au cabotage. *Paris: Bachelier,* 1844. xv, 288 p., 4 p.l. 3. ed. 8°.

Fournier (C. F.) Traité de navigation, ouvrage exclusivement adopté par M. le Ministre de la Marine pour les Écoles royales d'hydrographie. *Saint-Malo: Ve. Macé,* 1845. 4 p.l., 444, 186 p., 6 pl. 4. ed. 8°

Kater (Henry). Nautical astronomy. (In: Encyc. metrop., v. 3. 1845.)

Sumner (Thomas H.) A new and accurate method of finding a ship's position at sea, by projection on Mercator's chart. *Boston: T. Groom,* 1845. 88 p., 4 maps, 2 pl. 2. ed. 8°.

Tinmouth (Nicholas). An inquiry relative to various important points of seamanship, considered as a branch of practical science. *London: J. Masters,* 1845. xii, 88 p., 3 pl., 1 tab. 8°.

Important to navigators, insurers, and the shipping interest. Dangers along a coast from "correcting" (as it is called) "a ship's reckoning" at nightfall, or in a fog, by bearings of the land: with... hints to Capt. Claxton and "The Examiner" and the daily press in the matter of the "Great Britain." By Investigator. *London: Baily Bros.,* 1846. iv, (1) 6–28 p., 1 diag. 8°.

Dempster (Henry). Four new nautical improvements described by Henry Dempster, of Kinghorn, North Britain. [*London: Johnson & Co.,* 18–?] 8 p. 8°.

Sea (The): or, plain and practical hints for those who are going to sea, and their friends. By one who has been to sea. *London: G. E. Petter* [1851]. iii, 5–32 p. 8°.

Macgowan (Daniel J.) Hang hae kin chin [The navigator's golden needle. *Ningpo,* 1853.] map. nar. 4°.

Has also the English title: The law of storms in Chinese.

Wrottesley (J. W.) Speech in the House of Lords on Lieut. Maury's plan for improving navigation; with remarks upon the advantages arising from the pursuit of abstract science. *London,* 1853. 2. ed. 8°.

Smyth (Charles Piazzi). Paris Universal Exposition of 1855... Description of new or improved instruments for navigation and astronomy exhibited by C. P. S. *Edinburgh,* 1855. 31 pp. 8°.

Abbott (Amos). A description of Abbott's horometer, an instrument for solving problems in nautical astronomy; with problems, examples, solutions and demonstrations, illustrating its uses and advantages. *New York,* 1857. 8°.

Modern Manuals, Text Books, etc.

Arranged alphabetically.

Albrecht (M. F.), *and* C. S. Vierow, *editors.* Lehrbuch der Navigation und ihrer Mathematischen Hülfswissenschaften für die Königl. Preussischen Navigations-Schulen. *Berlin: G. Schenck,* 1892. xxiv, 745, 15 p., 1 chart. 8°. (Prussia Handel u. Gewerbe. Min. für.)

Alston ( ). Captain Alston's seamanship. Fourth edition revised and enlarged by Captain T. P. Walker... with instructions for officers of the merchant service... with... illustrations and coloured flags. *Portsmouth: Griffin & Co.,* 1902. 3 p.l., 538 p., 1 l., 3 pl. 12°.

Bedford (*Sir* F. [G. D.]), *Vice-Admiral.* The sailor's pocket book: a collection of practical rules, notes, and tables, for the use of the royal navy, the mercantile marine, and yacht squadrons. *Portsmouth: Griffin & Co.,* 1898. xiv, 686 p., 3 charts, 12 diag. 8. ed. sq. 16°.

Bowditch (Nathaniel). The American practical navigator, being an epitome of navigation and nautical astronomy, Revised in 1880, under the direction of the Bureau of Navigation, Navy Department. Revised in 1903, under the direction of the Bureau of Equipment, Navy Department. *Washington: Government Printing Office,* 1906. 652 p. 8°. (U. S. Hydrographic Office. No. 9.)

"This edition is a reprint of the revised edition, 1903, with no changes made in the text or tables of that edition, except the correction of such errors as have been discovered in it to the present date."

For the nine earlier editions see the chronological arrangement above, under date of 1802.

—— Bowditch's useful tables. [Edited by Jonathan Ingersoll Bowditch.] *New York: E. & G. W. Blunt,* 1859. viii, 229, 1 l., 28–35 p. 8°.

—— —— 3. ed. *New York: E. & G. W. Blunt,* 1859. viii, 1 l., 229, 1 l., 28–35 p. 8°.

—— Useful tables from Bowditch's practical navigator. A new edition, with additional tables. Bureau of navigation, navy department. *Washington: Government Printing Office,* 1868. v, (6)–8, 229, 239–243 p.; p. 329; p. 76; 28–35 p. 8°.

Brady (William). The kedge-anchor; or, young sailors' assistant. Appertaining to the practical evolutions of modern seamanship, rigging, knotting, splicing, blocks, purchases, running-rigging, and other miscellaneous matters, applicable to ships of war and others. Illustrated with seventy engravings. Also, tables of rigging, spars, sails, blocks, canvass, cordage, chain and hemp cables, hawsers, &c., &c., relative to every class of vessels. By William Brady, sailing master, U. S. N. *New York: the Author,* 1849. 4. ed. 400 p., 25 pl. 8°.

—— —— By William N. Brady, sailing master, U. S. N. *New York: the Author,* 1864. 15. ed. 400 p., 31 pl. 8°.

—— —— *New York: the Author,* 1864. 18. ed. 400 p., 31 pl. 8°.

—— —— *New York: D. Appleton & Co.,* 1888. 18. ed. 393 p., 31 pl. 8°.

Navigation, Modern Books, cont'd.

Bréart (Emile). Manuel du gréement et de la manœuvre pour servir au brevet de capitaine au long cours et de maitre au cabotage. Suivi de notes ...[Text and atlas.] *Paris : E. Lacroix*, 1861. 2 v. in 1. 4°.

Bushell (Charles). The rigger's guide and seaman's assistant; containing practical instructions for rigging ships, with considerable additions relative to wire rigging, formation of knots, etc. *Portsmouth [Eng.]: Griffin & Co.*, 1893. 3 p.l., 254 p. 7. ed. 16°.

Chabirand (G.), *and* L. Brault. Traité d'astronomie et de météorologie appliquées à la navigation. *Paris : A. Bertrand*, 1877. 2 v. 8°.

Coffin (John Huntington Crane). Navigation and nautical astronomy. Revised...by Charles Belknap. *New York : D. Van Nostrand Co.*, 1902. vi, 221 p. 10. ed. 12°.

Davies (Charles). Elements of surveying and navigation; with a description of the instruments and the necessary tables. *New York: A. S. Barnes*, 1847. 188, 100 p., 6 pl. Rev. ed. 8°.

—— —— *New York: A. S. Barnes & Co.*, 1852. viii, 9–222, 71, 2–100 p., 6 pl. Rev. ed. 8°.

—— —— *New York: A. S. Barnes & Co.*, 1855. viii, 9–222, 71, 2–100 p., 6 pl. Rev. ed. 8°.

Dick (C.), *and* O. Kretschmer. Handbuch der Seemannschaft. *Berlin: E. S. Mittler u. Sohn*, 1902. 2 v. 3. ed. 8°.

Dreyer (Frederic C.) How to get a first class in seamanship. A guide for midshipmen of the Royal Navy. *Portsmouth : Griffin & Co.*, 1900. 2 p.l., 148 p., 5 pl., 1 table. 8°.

—— —— *Portsmouth : Griffin & Co.*, 1900. 2 p.l., 163 p., 5 pl., 1 table. 8°.

Evers (Henry), joint author. Merrifield, J., and E. Navigation and nautical astronomy. *London*, 1873. 8°.

Faria Ramos (Enéas Oscar de). Curso de manobra do navio, contendo mecanica applicada á manobra...correntes maritimas, etc., etc... Premiado, publicado e adoptado pelo Governo da Republica dos Estados Unidos do Brazil. *Rio de Janeiro : C. G. da Silva & Campos*, 1896. 1 p.l., ii, 1 l., 283 p., 2 l. 8°. (Brazil. Escola Naval.)

Folin (Alexandre Guillaume Léopold), *marquis de.* Guide du capitaine et du pilote dans les rapports qu'ils doivent avoir pour diriger un navire. *Paris* [1865]. 8°.

Germany.—*Marine Amt.* Lehrbuch der Navigation. *Berlin: E. S. Mittler & Sohn*, 1901. 3 v. 8°.

—— —— Leitfaden für den Unterricht in der Navigation. Auf Veranlassung der Inspektion des Bildungswesens der Marine ausgearbeitet. *Berlin : E. S. Mittler & Sohn*, 1901. viii, 312 p., 8 charts. cloth. 3. ed. 4°.

—— —— —— Anhang. Nautische Rechnungen. vi, 144 p. 3. ed. 4°.

Gill (James). Text-book on navigation and nautical astronomy. New edition, augmented and rearranged by W. V. Merrifield. *London : Longmans, Green & Co.*, 1904. viii, 399 p. 8°.

Glascock (William Nugent). The naval officer's manual; for every grade in Her Majesty's ships... To which is added, a notice on steam and steamships. *London: Pub. for the author's widow*, 1848. x, 415 p. 2. ed. 8°.

Greenwood (James). The sailors' sea-book. Rudimentary treatise on navigation. *London: John Weale*, 1850. pl. 12°.

—— The sailors' sea-book. A rudimentary treatise on navigation. Part i.—How to keep the log, and work it off. Part ii.—On finding the latitude ann longitude. To which are added the deviation and error of the compass...New, revised...edition, by W. H. Rosser. *London: C. Lockwood & Son*, 1894. vii (1), 208 p., 4 pl. 12°. (Weale's scientific and technical series. No. 55.)

—— —— —— *London : Crosby Lockwood & Son*, 1894. vii (i), 208 p. 12°. (In: **Practical** navigation. *London : Lockwood.* 12°.)

Hall (William). Modern navigation. A textbook of navigation and nautical astronomy...*London: W. B. Clive*, 1904. viii, 378, (1) xv p. 12°. (The Organized Science Series.)

Henderson (William James). The elements of navigation. A short...explanation of the... methods of finding the position of a ship at sea and the course to be steered. *New York : Harper & Bros.* [cop. 1895] viii, 203 p. illus. nar. 16°.

Hourigan (Patrick William). Manual of seamanship for the officers of the deck, ship under sail alone. *Baltimore, Md.: The Lord Baltimore Press* [cop. 1903]. 148 p. 16°. (United States Naval Institute.)

Jeans (H.W.) Navigation and nautical astronomy. The practical part. *London: John Weale*, 1853. 12°.

Knight (Austin Melvin). Modern seamanship. *New York : D. Van Nostrand Co.*, 1905. xii, 428 p., 136 pl. 3. ed. 8°.

Lavieuville (G.), *and others.* Manuel des écoles de pêche maritime. Par G. Lavieuville, A. Odin, et F. Douxami. *Paris: A. Challamel*, 1902. 2 p.l., 452 p., 2 pl., 4 plan. 8°.

Law (Henry). Mathematical tables for trigonometrical, astronomical, and nautical calculations, to which is prefixed A treatise on logarithms. New ed. *London : Crosby Lockwood & Son* [1884 ?]. 1 p.l., vii (i), 1 l., 233 (1) p., 2 pl. 12°. (In: **Practical** navigation. *London: Lockwood.* 12°.)

Lecky (Squire Thornton Stratford). "Wrinkles" in practical navigation... *London : Philip & Son*, 1890. xxvii, 474 p., 1 l., 6 charts, 18 diag., 1 map. illus. Rev. ed. 8°.

—— —— *London*, 1891. 8°.

—— —— *London*, 1904. xxvii, 812 p., 10 charts, 18 diag., 2 maps, 11 pl., 1 port. 14. ed. 8°.

Lopes Banhos (J. E.) Taboas para o calculo da hora a bordo seguidas de taboas auxiliares nos differentes problemas da navegação. *Lisbon: Imp. Nacional*, 1877. 2 p.l., xliii., 228 p. 8°. (Portugal. [Marinha e Ultramar, Ministerio da.])

Lucas (William). Tables for finding the longitude by the meridian altitude, at sea, without the aid of a chronometer;...with a table showing the daily variation of the equation of time under the meridian of Greenwich. *Swansea*, 1864. 8°.

Navigation, Modern Books, cont'd.

Luce (Stephen Bleecker). Seamanship: compiled from various authorities and Illustrated with numerous Original and Selected Designs, for the use of the United States Naval Academy, by S. B. Luce, Lieut.-Commander, U. S. N. In two parts. 2. ed. *Newport, R. I.: James Atkinson, printer*, 1863. xiv, 605 (1), iv, 3–82 p., plates 1–72, A–F. 8°.

Part 2 is a translation of Bourdé's treatise on the "Theory of Working Ship."

—— Text-book of seamanship. The equipping and handling of vessels under sail or steam. For the use of the United States Naval Academy. By S. B. Luce. Revised and Enlarged by A. Ward... *New York: D. Van Nostrand*, 1884. vi, 631 p., 131 pl. illus. 8°.

MacArthur (Charles Elliott). On navigation simplified. Especially adapted as a hand-book and guide to the new and old Bowditch's Navigation. *New York: The Rudder Pub. Co.*, 1906. 6 p.l., (1) 10–121 (1) p., 1 l. sq. 16°. (Rudder on series.)

Mackenzie (T.) Practical mechanics, applied to the requirements of the sailor. *London: C. Griffin & Co.*, 1896. xii, 175 p. illus. 12°. (Griffin's Nautical Series.)

Magnac (Henri Julien Aved de), *and* Yvon Villarceau. Traite de navigation: nouvelle navigation astronomique: Théorie par Villarceau; pratique par de Magnac. *Paris*, 1877. pl. 4°.

Marshall (Henry). Marshall's navigation made easy, or, The mariner's daily assistant, and self-instructor. *Milwaukee, Wis.:* [*Daily Herold*,] 1877. 72 p. 8°.

Martin (William Robert). A treatise on navigation and nautical astronomy, compiled by...W. R. Martin...Sanctioned for use in the royal navy ... *London: Longmans, Green & Co.*, 1899. xiii, 1 l., 429 (1) p., 2 diag., 3 maps, 1 pl., 2 tables. 3. ed. 4°.

Maury (M[atthew] F[ontaine]). Explanations and sailing directions to accompany the wind and current charts, approved by Commodore Lewis Warrington. *Washington: C. Alexander, prtr.*, 1851. 315 p., 1 l., 3 charts, 4 pl., 3 tab. hf. lea. 4°. (U. S. Hydrographic Office.)

—— Same. 6. ed., approved by Commodore Charles Morris. *Philadelphia: E. C. & J. Biddle*, 1854. 772 p., 5 charts, 1 diagr., 7 pl., 3 tab. 4°.

—— Same. 7. ed.... *Philadelphia*, 1855. pp., 10 charts, 3 diagr., 7 pl., 3 tab. 4°.

—— Same. 8. ed., approved by Captain D. N. Ingraham. *Washington: W. A. Harris, prtr.*, 1858. 2 v. in 1. 4°.

—— Wind and current charts. Gales in the Atlantic. *Washington*, 1857. f°.

—— —— *Philadelphia*, 1855. 7. ed. 4°.

Wrottesley (2. *baron*), John Wrottesley. Lord Wrottesley's speech in the House of Lords, on 26th April, 1853, on Lieut. Maury's plan for improving navigation; with some remarks upon the advantages arising from the pursuit of abstract science. *London: J. Ridgway*, 1853. 34 pp. 2. ed. 8°.

Merrifield (John), *and* Henry Evers. Navigation and nautical astronomy... *London*, 1873. 8°.

Millar (W. J.) Latitude and longitude: how to find them. *London: C. Griffin & Co.*, 1896. 5 ll., 53 pp. ill. 12°. (Griffin's Nautical Series.)

Miremont (de), *comte*. Practical methods in modern navigation for the ready solution of daily problems at sea. *London: G. Philip & Son., Ltd.*, 1905. viii, 107 p., 1 pl. 8°.

Muir (W. C. P.) A treatise on navigation and nautical astronomy, including the theory of compass deviations... *Annapolis, Md.: U. S. Naval Institute*, 1906. xv, 1 l., 718 p. illus. 12°.

Naber (S. P. L'Honoré). Zeemans-handboek. *'s-Gravenhage: Mouton & Co.*, 1901. 2 v. 4°.

Nares (*Sir* George Strong). Seamanship: including names of principal parts of a ship...glossary of sea terms...etc... *Portsmouth: Griffin & Co.*, 1897. viii, 3 l., 334 pp., 2 chart, 122 pl. 7. ed. 8°.

Norie (John William). A complete epitome of practical navigation and nautical astronomy... with a...set of nautical tables...augmented and improved by W. H. Rosser. *London: Norie & Wilson*, 1896. New ed. xii, 451 pp., 1 l., xxxviii, 2, 477 pp., 1 diagr., 8 pl. 8°.

—— Navigazione pratica...tradotta dall' idioma Inglese ed accomodata all' uso della marina Italiana da M. A. Stadler de Breitweg. *Vienna e Trieste*, 1821. 8°.

—— The seaman's new daily assistant, exhibiting an easy...method of keeping a ship's reckoning at sea; containing rules for working the various sailings...and for finding...exemplified in a journal from England to Madeira. To which are added...useful tables... *London: The Author*, 1851. vi, 60, 102 p., 1 pl. 16. ed. 8°.

Paqel (Louis). La latitude par les hauteurs hors du méridien... *Paris: Imp. Royale*, 1847. 3 p.l., 274 pp. 8°. (France. Marine et des Colonies, Minis. de la.)

Parker (William H.) Questions on practical seamanship, together with harbour routine and evolution prepared for the midshipmen of the C. S. navy. *Richmond: MacFarlane and Fergusson*, 1863. 92 pp. 8°.

Patterson (Howard). Guide to the U. S. Local Marine Board examination for masters and mates of ocean-going steamships and sailing vessels. *New York: J. Bliss & Co.* [cop. 1901] 154 p. new ed. 8°.

Practical hints to officers in the merchant service...By An Old Hand. *Glasgow: James Brown & Son*, 1905. vii, 8–91 p. 12°.

Practical navigation, consisting of the Sailor's sea-book by James Greenwood and W. H. Rosser, together with the requisite Mathematical and nautical tables for the working of the problems. By Henry Law, C. E., and J. R. Young. *London: Crosby, Lockwood & Son* [1900?]. 2 p.l., vii (i), 208 p.; 1 p.l., vii (i), 1 l., 233 (1); 2 p.l., xvii, 136 p., 3 pl. 12°.

Greenwood and Rosser's "Sailor's sea-book," 1894, Law's "Mathematical Tables" [1884], Young's "Tables," bound together with title as above.

Pugsley (Richard Marriotte). Pugsley's guide to the United States local inspectors examination of masters and mates of ocean-going steam and sailing ships, containing all useful information, and

Navigation, Modern Books, cont'd.

explaining how to find latitude and longitude by observation, and...other useful calculations... *New York: the Author*, 1903. 175 p., 3 l. 12°.

Qualtrough (Edward F.) The sailor's handy book and yachtsman's manual...for the use of the Navy, Merchant service, Revenue marine and Yachtsmen. *New York: C. Scribner's Sons*, 1881. viii, 594 pp., 3 pl. 24°.

Raper (Henry) Practice of navigation and nautical astronomy. *London: R. B. Bate*, 1842. 2. ed. 8°.

—— The practice of navigation and nautical astronomy. Nineteenth edition, revised and enlarged, by T. A. Hull. *London: J. D. Potter*, 1898. 1 p.l., xxv, 934 pp., 2 maps. 8°.

Renard (Léon). L'art naval...2. éd. *Paris*, 1868. ill. pl. 12°. (Bibl. d. merv.)

Rosser (W. H.) Brief instructions for officers of the merchant service. Revised and enlarged by T. P. W. (In: **Alston** ( ). Captain Alston's Seamanship. Fourth edition...*Portsmouth*, 1902. 12°. pp. 467–529.)

—— *See also* **Greenwood** (James).

Shadwell (Frederick Alexander). Tables for facilitating the determination of the latitude and time at sea by observation of the stars. New ed. *London: J. D. Potter*, 1854. iv, 77 p. 8°.

Stebbing (Frank Cole). Navigation and nautical astronomy. *London: Macmillan & Co.*, 1903 xiii, 338 p. 8°.

Sumner (Thomas H.) A new and accurate method of finding a ship's position at sea, by projection on Mercator's chart...*Boston: T. Groom & Co.*, 1866. 90 p., 2 maps, 3 pl. 8°.

Tait (J.) Tait's seamanship, specially arranged for the use of candidates who are preparing themselves for Board of trade certificates, with illustrations of ships, anchors, commercial code of signals, semaphore, distant and boat signals...*Glasgow: J. Brown & Son*, 1898. 4 p.l., 121 p., 2 pl. 12°.

Thoms (William). A new treatise on the practice of navigation at sea...illustrated by a new mode of engraved diagrams and figures...the whole..adapted for the use of seamen...*New York: The Author*, 1864. 2 p.l., xviii, 206 p., 1 l., 255 p., 1 map, 1 port. 7. ed. 4°.

MS. record of ship-master, from Apr. 25-June 9, 1865, on voyage from Melbourne, Aus., to Callao, Peru, inserted.

Todd (John), *and* W. B. Whall. Practical seamanship for use in the merchant service: including all ordinary subjects: also steam seamanship...avoiding collision... *London: G. Philip & Son, Ltd.*, 1903. xvii (1), 385 p., 84 pl. illus. 5. ed. 8°.

United States.—*Nautical Almanac Office.* Tables for finding the latitude of a place by altitudes of Polaris. *Washington: Bur. of Navigation*, 1877. 1 p.l., 10 p. 8°. (Equipment Bur.)

Supplement to the American ephemeris and nautical almanac for 1878-81.

Villarceau (Yvon), *and* H. J. A. de Magnac. Traité de navigation: nouvelle navigation astronomique; Théorie par Villarceau, pratique par de Magnac. *Paris*, 1877. pl. 4°.

Walker (J. R.) An explanation of the method of obtaining a position at sea known as the "New Navigation." *Portsmouth: J. Griffin & Co.*, 1901. vi, 7–67 (1) p. 8°.

Walker (Thomas P.) Seamanship examination questions of the training squadron. Revised and enlarged...*Portsmouth: Griffin & Co.* [1898.] 3 p.l., 74 p. 3. ed. 8°.

Weston (Henry Burton). Tables for finding the longitude by chronometer at sunrise and sunset ...Published by order of the Lords Commissioners of the Admiralty. *London: The Hydrographic Office, Admiralty*, 1848. 24 p. 8°. (Gt. Brit. Hydrographic Office.)

Wilson-Barker (*Capt.* D.) The development of instrumental nautical astronomy. Sounding in shallow water. *London: Spottiswoode & Co.*, 1890. 19 p., 6 pl. 8°. (Shipmasters' society, London. [Course of papers] no. 10.)

—— A manual of elementary seamanship. *London: C. Griffin & Co.*, 1905. xvi, 192 p., 7 pl. illus. 4. ed. 12°. (Charles Griffin & Co.'s nautical series.)

Wilson-Barker (David), *and* W. Allingham. Navigation: practical and theoretical. *London: C. Griffin & Co., Ltd.*, 1904. xii, 156 p. illus. 2. ed. 12°. (Charles Griffin & Co.'s nautical series.)

Young (J. R.) Tables intended to facilitate the operations of navigation and nautical astronomy. New ed. *London: Crosby Lockwood & Co.* [1890?] 2 p.l., xvii(i), 136 p. 12°. (In: **Practical** navigation. *London: Lockwood.* 12°.)

Young (Lucien). Simple elements of navigation. *New York: J. Wiley & Son*, 1904. vi, 248 p. illus. 2. ed. 16°.

Young (The) seaman's manual. Compiled from various authorities...For the use of U. S. training ships and the marine schools. *New York: D. Van Nostrand*, 1880. 1 p.l., (1) viii–ix, 245 p., 57 pl. 2. ed. 8°.

Zeltz (R[oderich]). Handbuch der Nautik. *Leipzig: J. J. Weber*, 1906. xi, 306 p. illus. 16°. (Weber's illustrierte Handbücher. Bd. 257.)

Modern Miscellany.

Allingham (W.) The duties of officers & seamen in the British mercantile marine. *London: [Spottiswoode & Co.,]* 1892. 46 p. 8°. (Shipmasters' society, London. Course of papers. No. 21.)

—— Fast passages and best routes. *London*, 1895. 47 p. 8°. (Shipmasters' society, London. Course of papers. no. 41.)

—— A manual of marine meteorology for apprentices and officers of the world's merchant marine. *London: C. Griffin & Co., Ltd.*, 1900. xvi, 182 p., 1 diagr., 9 maps, 1 table. 12°. (Griffin's Nautical Series.)

Antoine (E.) Vitesse angulaire du balancier, engrenages à bascule, rayon de giration d'un balancier circulaire, variations de marche des chronomètres. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 208–211. *Paris*, 1902.)

Arldt (C.) Die magnetischen Wirkungen stromdurchflossener ebener Flächen und die Einwirkung

Navigation, Miscellany, cont'd.

der durch den eisernen Schiffskörper fliessenden Ströme auf das Kompassfeld. (Elektrotechn. Ztschr. Jahrg. 27, pp. 70–77; 91–95. *Berlin*, 1906.)

Bäcklund (Albert Victor). Ett bidrag till teorien für polens rörelse. 38 p., 2 diagrams. (Kongl. svenska vetenskaps-akad. Bihang till handlingar. v. 27, pt. 1, no. 1. *Stockholm*, 1901.)

Bates (Lindon W.) La navigation internationale et ses intérêts dans les ports et les canaux du monde et moyens pour leur amélioration. [With English text.] *Paris: P. Dupont*, 1900. 2 v. 4°. (International Congress on navigation (VIII), sec. 3.)

Bericht über die neunundzwanzigste, auf der Deutschen Seewarte abgehaltene Wettbewerb—Prüfung von Marine-Chronometern (Winter 1905–1906). (Annalen d. Hydrographie. Jahrg. 34, pp. 365–373. *Berlin*, 1906.)

Similar rating reports in earlier and later volumes.

Bertelli (P. Timoteo). Seda alcuni documenti si possa dedurre l'antica conoscenza della "Declinazione magnetica" presso i Cinesi. (Soc. geog. italiana Boll. ser. 4, v. 4, pp. 178–185. *Roma*, 1903.)

Berthoud (A. L.) Étude sur les lames bimétalliques des balanciers compensateurs et sur les divers systèmes de compensation supplémentaire qui ont été employés dans les chronomètres. (Cong. internat. de chronométrie. 1900, Comptes-rendus, etc. pp. 187–192 . . . *Paris*, 1902.)

Biles (J. Harvard). On progressive trials. (In: Naval Professional Papers, no. 15. pp. 87–119.)

Blunt (Geo. W.) The way to avoid the centre of our violent gales. [il., map.] *New York: Geo. W. Blunt*, 1866. 8°.

Board of Underwriters of New York. Suggestions to masters of vessels, and a list of correspondents to advise with in case of disaster to vessels or their cargoes...[*New York: W. McDonald & Co.*,] 1893. 87 p., 1 l. (1 col. plate paged in) 8°.

Börgen (C.) Über die Anordnung der Nadeln einer Kompassrose zur Vermeidung der sextantalen und oktantalen Deviation. (Annalen d. Hydrographie. Jahrg. 32, pp. 31–35. *Berlin*, 1904.)

—— Ueber die Auflösung nautisch-astronomischer Aufgaben, mit Hülfe der Tabelle der Mercator'schen Funktion. *Hamburg: Hammerich & Lesser*, 1898. 2 p.l., 51 p., 2 l. 4°. (Aus dem Archiv der Deutschen Seewarte. Jahrg. 21, no. 1.)

—— Zur Lehre der Deviation des Kompasses. Ableitung des Ausdrucks für die Schwingungsdauer einer unter dem Einflusse eines beliebig gelegenen Magnets stehenden Nadel. *Hamburg: Hammerich & Lesser in Altona*, 1897. 1 p.l., 21 p. 4°. (Aus dem Archiv der Deutschen Seewarte. Jahrg. XX, no. 1.)

Brillouin (Marcel). Lois des variations rapides d'amplitude du balancier des chronomètres. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 164–174. *Paris*, 1902.)

—— —— (Bull. Soc. d'encouragement pour l'indust. nat. Sér. 5, v. 4, pp. 689–713. *Paris*, 1899.)

Caspari (E.) Les chronomètres de marine. *Paris* [1894]. 12°. (Encycl. scient. d'aide mém.)

—— Sur les chronomètres de la marine française. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 157–161. *Paris*, 1902.)

Chauvenet (William). Astronomy: comprising suggestions to U. S. naval officers. *Washington*, 1868. 20 p. 8°. (Navy Scientific Papers, no. 1.)

China.—*Statistical Department.* Typhoon anchorages. *Shanghai*, 1893. 2 p.l., 17 p., 2 maps. (Miscellaneous series: no. 20.)

[**Coffin** (J. H. C.)] Tables for finding the latitude of a place by altitudes of Polaris. *Washington: Bureau of Navigation*, 1879. 12 p. 8°. (U. S. Naut. Alman. Off.)

Supplement to the American Ephemeris and nautical almanac for 1874–77.

Coligny (R. de). Note sur le déflection de Collongue. (Rev. maritime. v. 160, pp. 290–311. *Paris*, 1904.)

Colomb (P. H.), *vice-admiral.* The manœuvring powers of steamships and the avoidance of collisions. *London*, 1895. 56 p., 2 diag. 8°. (Shipmasters' society, London. Course of papers, no. 40.)

Cornu (A.) Action du champ magnétique terrestre sur la marche d'un chronomètre aimanté. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 55–59. *Paris*, 1902.)

Dana (R. H.), *jr.* The seaman's friend; containing a treatise on practical seamanship; a dictionary of sea-terms; customs and usages of the merchant service; laws relating to the practical duties of master and mariners. 6th ed. revised. *Boston: Thomas Groom & Co.*, 1851. 225 p., 4 pl. 12.

—— —— *Boston: Thomas Groom & Co.*, 1857. 9. ed. rev. and corr. 2 l., viii, 13–225 p., 4 pl. 12°.

Davis (Charles Henry). Chronometer rates as affected by change of temperature and other causes. 33 p. 2 diagr. (In: Astronomical, magnetic and meteorological observations made during the year 1875, at the United States Naval Observatory. *Washington*, 1878. 4°. Appendix 3.)

—— Same reprinted. *Washington: Govt. Prtg. Office*, 1877. 35 p., 1 fold. tab. 8°. (Navy Scientific Papers. No. 6.)

Decante (C.) Détermination de la position du navire quand l'horizon n'est past visible. (Rev. maritime. v. 147, pp. 491–510; v. 157, pp. 1124–1136. *Paris*, 1900–3.)

Dent (Edward J.) On the construction and management of chronometers, watches, and clocks. *London: the Author*, 1846. 36 p. 8°.

Ditisheim (Paul). Les chronomètres de petit format. (Jour. suisse d'horlogerie. Année 29, pp. 145–152; 181–187. *Genève*, 1904.)

—— Classification des échappements. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 40–46. *Paris*, 1902.)

—— Influence de la pression atmosphérique sur la marche des chronomètres. 1 pl. (Jour. suisse d'horlogerie. Année 28, pp. 177–183; 224–227; 249–256. *Genève*, 1903–1904.)

Navigation, Miscellany, cont'd.

—— Sur la relation entre la pression et la marche des chronomètres. (Comptes rendus hebd. d. séances de l'Acad. d. sci. v. 137. pp, 700–703. *Paris*, 1903.)

Dobarck (W.) How to manage your ship in a typhoon. *London*, 1896. 38 pp. 8°. (Shipmasters' society, London. Course of papers, no. 42.)

—— The law of storms in the eastern seas. *Hongkong: Noronha & Co.*, 1898. 2 p.l., 40 pp., 2 pl. 8°. (Hongkong Observatory. no. 3.)

—— The typhoons in China seas, read by Capt. A. G. Frond and notes on Dr. Doberck's paper by A. S. Thomson. *London*, 1895. 37 p. 8°. (Shipmasters' society, London. Course of papers, no. 37.)

Dove (Heinrich Wilhelm). The law of storms. Translated and published by authority of the Board of Trade. Edited by R. F[itzroy]. [*London: G. E. Eyre & W. Spottiswoode*, 1858.] iv, 100 p., 1 map. sq. f°. (Gr. Br. Trade, Bd. of. Meteorological papers, no. 3.)

—— —— *London*, 1862. 2. ed. diagr., charts. 8°.

Duro (Cesáreo Fernández). Disquisiciones náuticas. *Madrid: Aribau y Ca.*, 1876–81. 6 v. 8°.

Estrada (Ramón). Fórmulas nuevas de astronomia nautica. (Rev. general de Marina. *Madrid*, 1898. 8°. v. 42, pp. 390–410; 501–521; 932–959.)

Evoy (The) compass. (Electr. Engineer. (v. 31) n. s. v. 25, pp. 230–231. *London*, 1900.)

Fabry (Ch.) Compas enregistreur de la route suivie par un navire du commandant Heit. (L'industrie électr. année 12, pp. 471–474. *Paris*, 1903.)

Folie (François). Variations de latitude dues aux marées. (Acad. roy. de Belgique. Bull. ser. 3, 1901, Sciences, pp. 520–527. *Bruxelles*, 1901.)

France.—*Marine, Ministère de la.* Manuel du Timonier. ed. 7, 11 (1875, 1898). *Paris*, 1875–98. 16°.

1875 title: Manuel du matelot-timonier.

Frye (Addington D.) Report... on the adjustment of compasses for local attraction on board naval steamers. (In: National Acad. of Sci. Rept., 1863, App. 3.)

Fulst (O.) Zur Berechnung des Schiffsortes aus zwei Gestirnshöhen nach der Höhenmethode. (Annalen d. Hydrographie u. Maritimen Meteorologie. Jahrg. 27, pp. 505–512. *Berlin*, 1899.)

Garcia (Mateo). Esferómetro. (Rev. gen. de marina. v. 45, pp. 568–581. *Madrid*, 1899.)

Givry (A. P.) Memoire sur l'emploi des chronomètres à la mer et sur les principales observations de l'astronomie nautique... *Paris: Imp. Royale*, 1846. 2 p.l., 172 p., 1 diagr. 8°. (France. Cartes et Plans de la Marine, Depôt des.)

Goedseels ( ). Détermination des constantes des formules des marches par le calcul. Étude sur les méthodes de Tobie Mayer et de Cauchy. (Cong. internat. de chronométrie, 1900. Comptes-rendus, etc. pp. 73–89. *Paris*, 1902.)

Goodwin (H. B.) Great circle sailing by tables. (Nautical Maga. v. 68, pp. 793–803. *London*, 1900.)

—— Napier's analogies and the double chronometer. (Nautical Maga. v. 70, pp. 89–95. *London*, 1901.)

—— The simplification of formulæ in nautical astronomy. (Nautical Maga. v. 68, pp. 526–540. *London*, 1899.)

—— Spherical traverse tables and their uses. 4 diag. (Nautical Maga. v. 69, pp. 1–14. *London*, 1900.)

Gray (Thomas). Regulations for preventing collisions on water. *Washington*, 1867. 12°. (U. S. Navy Dept. Bur. of Nav. 1867.)

Great Britain.—*Hydrographic Office.* Admiralty manual for ascertaining and applying the deviations of the compass caused by the iron in a ship. Edited by F. J. Evans... and Archibald Smith... 2. ed. *London: The Office*, 1863. vii, 166 p., 9 pl. 8°. (Admiralty.)

—— *Marine Department.* Abstracts of the returns... of shipping casualities... 1888/9–date. *London*, 1890–date. f°. (Bd. of Trade.)

—— *Trade, Board of.* Orders in council containing the regulations now in force, for preventing collisions at sea. Issued in pursuance of the Merchant Shipping Act. 27 p. *London: Darling & Son*, 1897. 8°.

—— —— Reports of a committee... on 1. The lights and signals to be carried by fishing vessels; 2. The expediency of requiring all ships to keep out of the way of steam fishing vessels; 3. The lights to be carried by steam pilot vessels, with minutes of evidence, appendix and index. *London: Wyman & Sons, ltd., printers*, 1898. [pt. 1]–2. 8°.

Green (Francis M.) A list of geographical positions for the use of navigators and others. *Washington: Govt. Prtg. Off.*, 1883. 99 p. sq. 4°. (U. S. Hydrographic Off. [Pub. no. 72.])

Greene (Benjamin Franklin). Finding error of marine compass on board ship. *Washington*, 1875. 8°. (U. S. Navy Dept. Bur. of Nav.)

—— The marine compass: a paper read before the U. S. Naval Institute, Annapolis, Feb. 11, 1874. *Washington*, 1874. 30 p. 8°. (Navy Scientific Papers, no. 5.)

Greenwood (*Capt.* W. N.) The phenomena of the tides, their prediction, their cut and overflow considered in relation to atmospheric pressure and tidal currents. *London*, 1893. 63 p., 2 pl. 8°. (Shipmasters' society, London. Course of papers no. 30.)

Grossmann (L.) Die Stürme und die Sturmwarnungen an der deutschen Küste in den Jahren 1886/95. *Hamburg: Hammerich & Lesser*, 1898. 1 p.l., 40 pp. 4°. (Aus dem Archiv der Deutschen Seewarte Jahrg. 21, no. 4.)

Guillaume (Ch. Ed.) Les aciers au nickel et leurs applications a la chronométrie. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 90–112. *Paris*, 1902.)

—— Procédé pratique pour la correction de l'erreur secondaire des chronomètres. (Bull. de la soc. d'encouragement pour l'indust. nationale. v. 101, sem. 1, pp. 729–731. *Paris*, 1901.)

Navigation, Miscellany, cont'd.

Guyon (E.) Application de chromètres décimaux à la navigation. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 116–121. *Paris*, 1902.)

Hayden (E. E.) Chronometer rates. 3 pl. (Proc. U. S. Nav. Inst. v. 29, pp. 729–736. *Annapolis*, 1903.)

Hoff (William Bainbridge). The avoidance of collisions at sea. *New York: D. Van Nostrand*, 1886. 29 p., 24 pl. sq. 24°.

Hogg (*Capt.* T. T.) A few notes on the maritime rules of the road. (In: Shipmasters' soc., London. [Course of papers. no. 5.] *London*, 1890. 8°. pp. 11–22.)

Holt (*Capt.* H. F.) Responsibilities of navigation and logbooks. *London* [*Spottiswoode & Co.*, 1891]. 16 pp., 1 diag. 8°. (Shipmasters' society, London. [Course of papers. no. 8.])

Hommey (Louis). Table d'angles horaires. *Paris*, 1863. 2 v. nar. 4°.

Jeanniot (L.) Note sur le coefficient de bande des compas. (Rev. maritime. v. 154, pp. 1194–1210. *Paris*, 1902.)

Jenkins (Thornton Alexander). The rule of the road at sea and in inland waters; or, steering and sailing rules. Collisions and law of the port helm. *Washington: Govt. Prtg. Off.*, 1869. iv, 3–227 pp., 8 diagr. 8°. (U. S. Hydrographic Off. [Pub. no. 16.])

—— Ships' compasses: including the subjects of binnacles and swinging ship... *Washington: Govt. Prtg. Off.*, 1869. 37 pp. 8°. (U. S. Hydrographic Off. [Pub. no. 19.])

Johnson (Walter). On "immediate" navigation; or, the conning of ocean steamers. (Nautical Maga. v. 69, pp. 751–756; v. 70, pp. 45–51; 80–88. *London*, 1900–1901.)

Kaiser ( ). Le prix d'un chronomètre et sa valeur scientifique. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 66–68. *Paris*, 1902.)

Kelvin (1. *baron*), WILLIAM THOMSON. Nature series. Popular lectures and addresses by Sir William Thomson...Vol. III. Navigational affairs. *London: Macmillan & Co.*, 1891. x, 1 l., 511 p. 12°.

Navigation. The tides. Terrestrial magnetism and the mariner's compass. On deep-sea sounding by pianoforte wire. On lighthouse characteristics.

—— On compass adjustment in iron ships and on a new sounding apparatus. *n. t.-p.* [*London: Harrison & Sons*, 1878.] 29 pp. 8°.

Kjellén (Rudolf). Om maritim anpassing. (Ymer, v. 21, p. 417–426. *Stockholm*, 1901.)

Knapp (H. S.) Graphic solution in coast navigation. 1 pl. (Proc. U. S. Naval Inst. v. 28, pp. 573–576. *Annapolis*, 1902.)

Koss (K.) Über die Bewertung der Güte von Chronometern. (Mitteil. a. d. Gebiete d. Seewesens. v. 32, pp. 958–963. *Pola*, 1904.)

Lacoine (Émile). Navigation en temps de brouillard. (Rev. tech. annales d. trav. pub. & d. chemins de fer & de l'automobilisme. v. 20, pp. 116–117; 150–152; 194–196. *Paris*, 1899.)

Lauffer (F.) Die magnetischen Fehlerquellen des Schiffskompasses graphostatisch dargestellt und analysiert auf Basis der Kraftlinien. (Mitteil. a. d. Gebiete d. Seewesens. v. 32, pp. 877–911. *Pola*, 1904.)

Lecky (Squire Thornton Stratford). The danger angle, and off-shore distance tables. 15. ed. Revised and enlarged. With a table of natural sines, tangents, &c. *The London Geographical Institute: George Philip & Son*, 1907. xxvi, 138 p. 16°.

Lecointe (G.) Étude des chronomètres. Pt. 1–2. (In: Belgium—Belgica, Commission de. Expedition antarctique belge. Résultats du voyage ...1897–1899. Rapports scientifiques...*Anvers*, 1901. f°. v. 4. Astronomie. [deux parties.])

Le Couteur (*Capt.* P. E.) Compass adjustment. *London*, 1893. 39 pp. 8°. (Shipmasters' society, London. [Course of papers. no. 24])

Little (G. H.) Some remarks on the building and working of ships and steamers. *London: Spottiswoode & Co.*, 1893. 58 pp., 7 pl. 8°. (Shipmasters' soc., London. Course of papers. no. 25.)

Littlehales (George Washington). Concerning sextant observations for determining geographical positions. Diagram. (Amer. geog. soc. Jour. v. 36, p. 138–142. *New York*, 1904.)

—— The development of great circle sailing. *Washington: Govt. Prtg. Off.*, 1889. 52 p., 5 charts, 1 map. 8°. (U. S. Hydrographic Off. Pub. no. 90.)

—— A new and abridged method of finding the locus of geographical position and compass error. 3 pl. (Philosophical Soc. of Wash. Bull. v. 14, pp. 233–246. *Washington*, 1903.)

—— The Sumner line of geographical position and the compass error serviceably deduced by inspection. 2 pl. (Proc. U. S. Naval. Inst. v. 29, pp. 953–965. *Annapolis*, 1904.)

Liverpool Compass Committee. 1st–3d report to the Board of Trade, 1855–60. (In. U. S. Navy Dept. Bur. of Nav. Magnetism of ships. 1869.) diagr.

Logan (G. W.) Methods for finding the intersection of two Sumner lines. (Proc. U. S. Naval Inst. v. 28, pp. 577–587. *Annapolis*, 1902.)

Lyons (T. A.) A treatise on electromagnetic phenomena and on the compass and its deviation aboard ship... v. 1. *New York: J. Wiley & Sons*, 1901. 8°.

McCormick (Charles M.) McCormick's navigating protractor. (Proc. U. S. Naval Inst. v. 28, pp. 243–249. *Annapolis*, 1902.)

Magnetism: its general principles and special application to ships and compasses. *Washington*, 1883. 280 p., 14 pl. 8°. (Naval Professional Papers, no. 13.)

Magnetism of ships and the deviations of the compass. *Washington*, 1867. 8°. (U. S. Navy Dept. Bur. of Nav.)

Magnetism of ships and the deviations of the compass, comprising the three reports of the Liverpool Compass Commission, with additional papers by Archibald Smith and F. J. Evans. *Washington*, 1869. il. pl. 8°. (U. S. Navy dep't. Bur. of Navigation.)

Navigation, Miscellany, cont'd.

Mariner's (The) compass. *n. t.-p.* [*London*, 188-?] 26 p. illus. 8°. (Shipping World Ser.)
Repr.: The Shipping World.

Messerschmitt (J. B.) Resultate neuerer Kimmtiefenbeobachtungen und ihre Verwerthung in der Navigation. (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 29, pp. 162–167. *Berlin*, 1901.)

Navigation: ancient and modern. *n. t.-p.* [*London*, 188-?] 30 p. illus. 8°. (Shipping World Ser.)
Repr.: The Shipping World.

Nulton (L. M.) The principles of the deviation of the compass and its correction. 8 pl. (Proc. U. S. Naval Inst. v. 32, pp. 523–538. *Annapolis*, 1906.)

Owens (E. W.) The A B C of compass adjustment. Being a thorough explanation in simple language of a complex problem. With 35 illustrations. *London: G. Philip & Son, Ltd.*, 1905. vi, 1 l., 59 p., 2 charts, 12 diag. 8°.

Pes (G.) Studio sulla bussola e sulle deviazioni magnetiche. (Rivista marittima. anno 34, pp. 227–252. *Roma*, 1901.)

Piddington (Henry). The sailor's horn-book for the law of storms, being a practical exposition of the theory of the law of storms and its uses to mariners of all classes in all parts of the world, shown by transparent storm cards and useful lessons. *New York: John Wiley*, 1848. 8°.

—— —— *London: F. Norgate.* 6. ed. 8°.

Piddington (Henry). Memoirs with reference to the theory of the law of storms in India. charts, diag. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1840–1858. 8°. v. 9, pt. 1, pp. 107–134; 397–439; v. 9, pt. 2, pp. 1009–1055; v. 10, pt. 2, pp. 895–906; v. 11, pt. 1, pp. 6–25; v. 11, pt. 2, pp. 605–719; 971–1094; v. 12, pt. 1, pp. 339–399; v. 12, pt. 2, pp. 771–814; v. 13, pt. 1, pp. 69–113; v. 14, pt. 1, pp. 10–74; 357–379; v. 14, pt. 2, pp. 703–735; 878–916; v. 17, pt. 1, pp. 27–56; 517–532; v. 18, pt. 2, pp. 826–857; 869–918; v. 19, pp. 349–389; v. 20, pp. 13–61; 195–207; v. 21, pp. 283–328; v. 23, pp. 1–43; 505–549; v. 24, pp. 397–461; v. 27, pp. 177–195.)

—— Researches on the gale and hurricane in the bay of Bengal on the 3. 4. and 5. of June, 1839; being a... memoir with reference to the theory of the law of storms in India. 2 charts, 3 diagr. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1840. 8°. v. 8, pp. 559–589; 631–659.)

Plumstead (E.) Notes on lunars, sumners, and double altitudes. (Nautical Maga. v. 68, pp. 724–742. *London*, 1899.)

Porter (Allan H.) Porter's position verifier, an aid to safe coast navigation. 1 pl. (Proc. U. S. Naval Inst. v. 26, pp. 623–624. *Annapolis*, 1900.)

Pott (Konstantin Edler v.) Über moderne terrestrische Nautik. (Mitteil. a. d. Gebiete d. Seewesens. v. 34, pp. 418–457. *Pola*, 1906.)

Raikes (F. W.) Collision at sea. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 396–404; 469–478.)

Ravier (L.) Théorie géometrique des déviations des compas. (Rev. maritime. v. 153, pp. 592–657. *Paris*, 1902.)

Reid (W.) A note on the winds as influencing the tracks sailed by Bermuda vessels; and on the advantage which may be derived from sailing on curved courses when meeting with revolving winds. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1843. 8°. v. 12, pt. 2, pp. 1104–1107.)

Reuter (U.) Ueber die Benutzung des Semiversus bei nautischen Rechnungen. (Annalen d. Hydrographie u. Maritimen Meteorologie. Jahrg. 30, pp. 32–42. *Berlin*, 1901.)

Ricci (I.) Sulla bussola magnaghi. 3 pl. (Rivista marittima. v. 36, trimestre 3, pp. 5–25. *Castello*, 1903.)

Ripoll ( ). Étude des principaux calculs nautiques. (Rev. maritime. v. 172, p. 43–125. *Paris*, 1907.)

Rodanet (A. H.) Rapport sur la question définition du chronomètre genre d'échappement qu'il comporte. (Cong. internat. de chronométrie. 1900. Comptes-rendus, etc. pp. 34–39. *Paris*, 1902.)

Rottok (Carl). Haben Stösse, Erschütterungen, welche das Schiff erleidet, oder starke Schiffsbewegungen Einfluss auf den Chronometergang? (Annalen d. Hydrographie... Jahrg. 33, pp. 212–216. *Berlin*, 1905.)

—— Ist die Anwendung von Temperatur-Korrektionen bei der Berechnung der Chronometerstände vorteilhaft? (Annalen d. Hydrographie. Jahrg. 31, pp. 451–460. *Berlin*, 1903.)

Runge (C.) Ueber die Ortsbestimmung auf See. (Zeitschr. f. Vermessungswesen. *Stuttgart*, 1898. 8°. v. 27, pp. 258–262.)

Rust (Armistead). Tri-rectangular coordinates for the solution of spherical triangles. (Proc. U. S. Naval Inst. v. 29, pp. 707–724. *Annapolis*, 1903.)

Sante (Augusto). Bussola a liquido magnaghi modificata. (Rivista marittima. Anno 38, trimes. 3, pp. 259–277; trimes. 4, pp. 95–119. *Roma*, 1905.)

Schott (Charles Anthony). Secular changes of magnetic declination in the United States and at some foreign stations. *Washington: Govt. Prtg. Office*, 1879. 50 p., 1 diagr., 1 map. pap. 3. ed. 4°. (U. S. Coast & Geodetic Survey. Methods and results.)
1. ed. of this paper forms app. no. 24 to rpt. for 1859; 2. ed. forms app. no. 8 to rpt. for 1874.

Scoresby (W.), *D.D.* The compass in iron ships. A letter to the members of "The Underwriters' Association" at Liverpool. *London: Longman, Brown & Co.* [1854?] 71 p. 8°.

Seguier (Armand). Horlogerie. (In: France, Com. Fr. Expos. Univ. 1851. Travaux, t. 3. 2e pt. 1855.)

Shadwell (Frederick Alexander). Notes on the management of chronometers and the measurement of meridian distances. New ed. *London: J. D. Potter*, 1861. xv, 228 p. 8°.

Smyth (C. P.) On the angular disturbances of ships, the measurement of the amount, and the elimination of the effects in certain cases. *Edinburgh: Neill & Co.*, 1857. 28 p. 8°.

Navigation, Miscellany, cont'd.

Star (A) indicator for navigation. [*New York*, 1903.] 1 l., illus. 4°.

Repr.: Marine Engineering, Nov., 1903.

Supino (C.) La navigazione dal punto di vista economica. *Roma: Forzani e. C.*, 1890. 115 p. 4°.

Repr.: Rivista Marittima, febbraio-guigno.

Thomson (William). *See* **Kelvin** (1. baron).

Toynbee (H.) A method for rating chronometers by lunars. *London*, 1856. 8°.

United States.—*Navigation Bureau.* The variation of the compass, as determined in various parts of the world (chiefly at sea) by officers of the United States Navy, while navigators of ships, between the years 1881 and 1885. *Washington: Govt. Prtg. Office*, 1886. 147 p. 8°. (National Professional Papers, No. 19.)

—— —— Finding the error of the marine compass on board ship, by B. F. Greene. *Washington*, 1875. 8°.

—— —— The magnetism of ships and the deviations of the compass. *Washington*, 1867. il. pl. 8°.

Contents: A series of papers from the transactions of foreign societies, by Poisson, G. B. Airy, Archibald Smith, F. J. Evans, W. W. Rundell; with other papers and documents; ed., and the memoir of Poisson translated, by B. F. Greene.

—— —— The magnetism of ships and the deviations of the compass, comprising the three reports of the Liverpool Compass Commission; with additional papers by Archibald Smith and F. J. Evans. *Washington*, 1869. il. pl. 8°.

Vanssay (P. de). Épreuves et concours pour les chronomètres de poche. Comparaison des règlements. (Cong. internat. d. chronomètrie. 1900. Comptes-rendus, etc. pp. 5–12. *Paris*, 1902.)

Verron ( ). Typhons des mers de l'Extrème-Orient. (Rev. maritime. v. 156, pp. 33–60. *Paris*, 1903.)

Wilson-Barker (*Capt.* David). The compass; historical—theoretical—practical. *London*, 1892. 39 p. 8°. (Shipmasters' society, London. Course of papers. no. 19.)

—— Notes on handling ships. *London*, 1895. 30 p. 8°. (Shipmasters' society, London. Course of papers. no. 39.)

Wirtz (Carl W.) Ueber ein Problem der sphärischen Astronomie und seine Bedeutung für die Nautik. (Annalen der Hydrographie u. maritimen Meteorologie. Jahrg. 29, pp. 323–332. *Berlin*, 1901.)

Young (J. R.) Nautical astronomy. (In: Orr (W. S.) Circle of the sciences. v. 5. 1861.) il.

Sailing Directions, Coast Pilots, etc.

General and Early Works.

Arrian. Ἀρριανου περίπλους Ποντου Εὐξεινου: Periplus Ponti Euxini; interprete J. G. Stuckio. Περιπλους της Ἐρυθρας Θαλασσης: Periplus maris Erythræi; interprete J. G. Stuckio. Νεαρχου παραπλους: Nearchi paraplous ex Arriano; interprete B. Vulcanio. (Geogr. vet. script. Gr. min., Hudson, v. 1. 1898.)

—— Τεχνη τακτικη . . . Periplus ponti Euxini; Periplus maris Erythræi. . . ex recensione et museo Nicolai Blancardi. *Amstelodami*, 1683. pl., maps. 12°.

—— Scripta minora, recognovit Robertus Hercher. *Lipsiæ*, 1854. 16°.

—— De expeditione Alexandri libri septem; recognovit Robertus Geier. *Lipsiæ*, 1873. 16°.

Vincent (William). The commerce and navigation of the ancients in the Indian Ocean. *London*, 1807. 2 v. 4°.

v. 1. The voyage of Nearchus from the Indus to the Euphrates. v. 2. The Periplus of the Erythrean Sea.

—— The periplus of Erythean sea. *London*, 1800–05. 2 v. 4°.

Nearchus. The voyage of Nearchus from the Indus to the Euphrates; collected from the original journal preserved by Arrian, and illustrated by authorities ancient and modern. . . added three dissertations, two by Saml. Horsley and Wm. Wales, and one by De La Rochette. (In: Vincent (W.) Commerce of the ancients. *London*, 1807. v. 1.)

Thomas (Georg Martin). Der Periplus des Pontus Euxinus. Nach Münchener Handschriften. Ingleichen der Paraplus von Syrien und Palästina und der Paraplus von Armenien (des Mittelalters). (Kön. Bayer. Akad. d. Wiss. Abh. Philos.-Philol. Kl. X. Bd. 1. Abth. pp. 221–290, 1 map. *München*, 1866. 4°.)

Patsch (Carl). Arrians Periplus Ponti Euxini. (Beiträge z. alten Geschichte. v. 4, pp. 68–75. *Leipzig*, 1904.)

Nordenskiöld ([Nils Adolph Erik). Periplus. An essay on the early history of charts and sailing-directions, translated from the Swedish original by Francis A. Bather. With numerous reproductions of old charts and maps. *Stockholm*, 1897. x, 208 p., 81 facsim., 1 map. f°.

Fischer (Theobald). [Mappemondes and Portolanos of the 13th to 16th centuries selected from the archives, libraries, museums of Italy. With explanatory text in German. Photographed facsimiles. *Venezia: Ferdinand Ongania*, 1871–81.] 15 portfolio volumes.

Facsimile della carta Nautica Araba (Carattere Magrebino) del 13 Secola illustrata da Teobaldo Fischer. *Venezia*, 1881. Portfolio.

No. 1 of Ongania Collection.

Facsimile del Portolano del 14 Secolo illustrato da Teobaldo Fischer. *Venezia*, 1881. 4 plates in portfolio.

No. 7 of Ongania Collection.

Seebuch (Das) [Ed. by] K. Koppmann. Mit einer nautischen. . . Einleitung von A. Breusig. Mit Glossar von Christoph Walther. *Bremen: J. Kuehtmann*, 1876. liii, 1 l., 130 p. 8°. (Niederdeutsche Denkmaeler. Bd. 1.)

A coast pilot for western Europe, written in German of the 14th Century. Printed from the MS. in the Commerz-Bibliotek, Hamburg.

Visconte (Pietro). Facsimile del Portolano di P. V. di Genova dell' Anno 1318, illustrato da Teobaldo Fischer. *Venezia*, 1875. 7 plates in portfolio.

No. 4 of Ongania Collection.

Coast Pilots and Sailing Directions, cont'd.
General.

—— [Facsimile of Visconte's Carta Nautica of 1311, with notes by T. Fischer. *Venezia*, 1881.] portfolio.

Laurenzian-Gaddian Portolano. Facsimile del Portolano...dell' Anno 1351 illustrato da Teobaldo Fischer. *Venezia*, 1881. 8 plates in portfolio.

No. 5 of Ongania Collection.

Pizigani (Francesco). Facsimile delle Carte Nautiche di...dell' Anno 1373 illustrato da Teobaldo Fischer. *Venezia*, 1881. 9 plates in portfolio.

No. 6 of Ongania Collection.

Buchon (J. A. C.), *and* J. TASTU. Notice d'un atlas en langue catalane, ms. de l'an 1375... *Paris* [1841]. 152 p., maps. 8°. (Notices et extraits des MSS. v. 14.)

Giraldi (Giacomo). Facsimile del Portolano di G.-G. di Venezia dell' Anno 1426 illustrato da Teobaldo Fischer. *Venezia*, 1881. 6 plates in portfolio.

No. 8 of Ongania Collection.

Bianco (Andrea). Facsimile dell' Atlante di... Venezia, 1436. *Venezia*, 1869. 10 plates. f°.

With German text by Oscar Peschel.

—— Facsimile dell' Atlante di...dell' Anno 1436 illustrato da Oscar Peschel. *Venezia*, 1871. 10 plates in portfolio.

No. 9 of Ongania Collection.

——Facsimile della Carta Nautica di...dell' Anno 1448 illustrata da Teobaldo Fischer. *Venezia*, 1881. 4 plates in portfolio.

No. 11 of Ongania Collection.

Catalan map. Facsimile del planisfero del Mondo conosciuto (in lingua Catalana) del 15 Secolo illustrato da Teobaldo Fischer. *Venezia*, 1881. 8 plates in portfolio.

No. 13 of Ongania Collection.

Sailing-directions for the circumnavigation of England, and for a voyage to the Straits of Gibraltar (from a 15th century MS.). Edited, with an account of the MS., by James Gairdner, and a Glossary by E. Delmar Morgan. *London: Hakluyt Society*, 1889. 2 p.l., 37, (1) p., 1 chart. 8°. (Works issued by the Hakluyt Society., No. 79.)

Behrmann (Walter). *Über die niederdeutschen Seebücher des fünfzehnten und sechzehnten Jahrhunderts. [Göttingen.] *Hamburg: L. Friederichsen & Co.*, 1906. vi, 110 p., l., 4 maps. 8°.

Repr.: Mitteilungen der Geographischen Gesellschaft in Hamburg. Bd. 21.

Marinelli (Olinto). Esame di sei carte nautiche di secolo XVI e XVII. (Rivista geog. italiana. Annata 12, pp. 585–601. *Firenze*, 1905.)

Garcie (Pierre). (L)E grant routier & pilotage & enseignmēts pour ancrer tant es portz, haures q' autres lieux de la mer. fait par Pierre gracie, dit Ferrāde, tant des parties de Frāce, Bretaigne, Angleterre, Espaigne, Flādres & haultes Alemaignes. Avec les dāgers des ports, haures, riuieres & chenalz des parties & regions des susdictes. Auec vne kalendrier & cōpost a la fin dudit liure tresnecessaire a tous cōpagnōs. Et les iugemens doleron touchant le fait des nauires. *Rouen: Jehan burges*, 1525. (78) ll. 4°.

Bordone (Benedetto). Libro di B. B. nel qua si ragiona de tutte l' Isole del Mondo. *Vinegia*, 1528. f°.

—— Isolario di B. B. nel qua si ragione di tutte l' Isole del Mondo. *Vinegia*, 1534. f°.

—— —— *Venetia* [1540]. f°.

—— —— *Vinegia*, 1547. f°.

Coote (Charles Henry). Bibliotheca Lindesina. Autotype facsimiles of three Mappemondes; descriptive text by C. H. C. Privately printed. [*Aberdeen*,] 1898. f°.

No. 1. The Harleian (or Anonymous) *circa* 1536. No. 2. The Mappemonde by Desceliers of 1546. No. 3. Another by Desceliers of 1550.

Agnese (Battista). Facsimile delle Carte nautiche di...dell' Anno 1554, illustrate da Teobaldo Fischer. *Venezia*, 1881. 34 plates in portfolio.

No. 17 of Ongania Collection.

Porcacchi (Thomaso). L'Isole piu famose del mondo. *Venetia*, 1572. f°.

—— —— *Venetia*, 1576. f°.

—— —— *Venetia*, 1590. f°.

—— —— *Padoua*, 1620. f°.

Wagenaer (Lucas Jansz). Pars prima Speculum nauticum super nauigatione maris Occidentalis confectum...in diuersis mappis maritimis comprehensū una cum usu & interpretatione earundem... per Lucam Johannis Aurigarium. *Lugduni: Luca Joannis Aurigario*, 1586. (16), 36 p., 22 maps; 4 p., 23 maps. f°.

Metellus (Joannis M.) Insularium orbis aliquot insularum, tabulis æneis. *Coloniæ Agrippinæ*, 1601. f°.

Blaeu (Willem Jantz). Het Nievwe Licht der zee vaert. *Amsterdam*, 1634. f°.

Jansz (Jan). De Lichtende Columne ofte Zee-Spiegel. *Amsterdam*, 1652. f°.

Doncker (H.) De Zee Atlas ofte Water-Wereld. *Amsterdam*, 1660. colored maps. f°.

—— The Sea Atlas, or the Water World. *Amsterdam*, 1660. f°.

—— Die Nieuwe Groote Vermeerderde Zee-Atlas ofte Water-Werelt. *Amsterdam*, 1675. f°.

Dudley (Robert). Arcano del Mare. *Fiorenza*, 1661. 2. ed. 2 v. f°.

Goos (Pieter). De Zee-Atlas ofte Water-Wereld. *Amsterdam*, 1668. f°.

—— —— *Amsterdam*, 1672. f°.

—— —— *Amsterdam*, 1676. f°.

Lootsman (Jacob *and* Casparus). The Sea Atlas, or the Water-World. *Amsterdam*, 1671. f°.

Roggeveen (Arent). Het Eerste Deel van het Brandende Veen: verlichtende geheel West Indien. *Amsterdam* [1675]. f°.

—— —— [Another copy, with additional maps.] *Amsterdam* [1675]. f°.

—— [Le premier tome de la] Tourbe Ardante. . illuminant toute la region des Indes occidentales. *Amsterdam* [1676]. f°.

—— La Primera Parte del Monte de la Turba ardiente Alumbrando con la Claridad de...su fuego toda la India-Occidental. *Amsterdam*, 1680. f°.

Coast Pilots and Sailing Directions, cont'd.
General.

Cartes des itineraires & voiages modernes, qui ont été faits tant par mer que par terre dans toutes les parties du monde, & particulièrement dans l'Asie, l'Afrique & l'Amérique. *Leide: Chez Pierre van der Aa* [1706]. title, 114 charts. 4°.

Portolano del Mare. *Venezia*, 1713. 4°.

Ottens *and* **Reinier.** Atlas van Zeevaert en Koophandel door dee Geheeld Weereldt. *Amsterdam*, 1740. f°.

Dalrymple (Alexander). [General charts.] *London*, 1760-1797. f°.

—— —— *London*, 1774–1790. 18 classes in 10 vols. 4°.

—— Memoirs and charts of Eastern Islands. *London*, 1786. 4°.

—— Memoirs and charts. Passage to India. *London*, 1786. 4°.

—— Collection of memoirs and maps relating to China Sea. *London*, 1786–1806. 4°.

—— [Collection of memoirs and charts relating to the Eastern Passages.] *London*, 1787–89. 4°.

Iperen (Josua van). Eenige waarnemingen, over de nuttigheid van het verbeteren onzer Hollandsche zeekaarten, naar de Engelsche en Fransche. [*Rotterdam: R. Arrenberg*, 1781.] nar. 8°. (In: Bataviaasch Genootschap van Kunsten en Wettenschappen. Verhandelingen. v. 1, pp. 263–272.)

Radermacher (Jacob Cornelis Matthieu). Waarneemingen over het verbeteren onzer Hollandsche zeekaarten naar de Engelsche en Fransche. [*Rotterdam: R. Arrenberg*, 1784.] nar. 8°. (In: Bataviaasch Genootschap van Kunsten en Wettenschappen. Verhandelingen. v. 2, pp. 327–331.)

Faden (William). [Collection of charts.] *London*, 1796. 5 v. f°.

—— [Collection of South American charts.] *London*, 1806. f°.

Malham (*Rev.* John). Naval Atlas. *Philadelphia*, 1804. 8°.

Jenkins (H. D.) The lights and tides of the world, including a description of all the fog-signals. Compiled from the latest official authorities, both British and foreign. *London: J. Imray & Son*, 1900. xv, 571, 32 p., 1 map, 1 pl. sq. 4°.

—— —— Supplement, 1900–02. *London: J. Imray & Son*, 1900–03. 3 pmp. sq. 8°.

White (J. Dundas). The Rutter of the sea. (Nautical Maga. v. 69, pp. 747–750. *London*, 1900.)

Winkler ( ), *Captain*. On sea charts formerly used in the Marshall Islands, with notices on the navigation of these islanders in general. 15 pl. illus. (Smithsonian Inst. Ann. rept., 1899. pp. 487–508. *Washington*, 1901.)

Translated from "Marine-Rundschau," 1898, pt. 10, pp. 1418–1439.

Stavenhagen (W.) Über Seekarten. (Globus. v. 85, pp. 217–221; 239–245. *Braunschweig*, 1904.)

Bruzzo (Giuseppe). Sopra alcune carte nautiche esistenti nella Biblioteca comunale de Bologna. (Soc. Geog. ital. Boll. v. 43 (ser. 4, v. 7), pp. 1087–1098. *Roma*, 1906.)

Regional.

Aden, Gulf of.

Gulf (The) of Aden Pilot, containing a description of Sokótra and adjacent islands, Somáli and Arabian coasts in the Gulf of Aden, and the east coast of Arabia. [Revised by C. H. C. Langdon.] *London:* [*Darling and Son.*] 1887. x, 175 p., 1 map. 3. ed. 8°. (Great Britain. Hydrographic Office.)

Africa, South and East Coasts.

American pilots.

United States.—*Hydrographic Office.* List of lights of south and east coasts of Africa and the East Indies. *Washington*, 1877–1879. 8° and 4°. (Hydrographic Office Publication. no. 31.)

—— —— —— Corrected to April, 1877. 85, v p. 8°.

—— —— —— Corrected to July, 1879. 8°.

Title changes to:

—— —— List of lights of the south and east coasts of Asia, Africa, etc. *Washington*, 1900. 4°.

—— —— —— Corrected to Sept., 1900. (2), 85, 17 p.

Title changes to:

—— —— List of lights of the world. v. 2. South and east coasts of Asia and Africa, East Indies, including Australia, Tasmania, and New Zealand. *Washington*, 1903–1904. 4°.

—— —— —— Corrected to Jan., 1903. (4), 93, xviii p.

—— —— The Africa pilot. pt. 3. The south and east coast. *Washington*, 1886. 8°.

—— —— —— Supplement. no. 1. June 12, 1886. 2 p.

British Pilots.

Great Britain.—*Hydrographic Office.* The African pilot for the south and east coasts of Africa from the Cape of Good Hope to Cape Guardafui, including the islands in the Mozambique channel. 8°

—— ed. 2. Compiled by Capt. Algernon F. R. de Harsey. *London*, 1865. viii, 285 p.

Title changes to:

—— —— The Africa pilot. pt. 3. South and east coasts of Africa from the Cape of Good Hope to Cape Guardafui, including the islands in the Mozambique channel. *London*, 1878. 8°.

—— —— —— ed. 3, with an appendix. 1878. viii, 490 p., 1 map.

—— —— —— ed. 4, with two appendices. 1884. viii, 490, 34 p., 1 map.

—— —— —— ed. 5. Including the Comoro Islands. 1889. xii, 528 p., 1 map.

Africa, West Coast.

Bouet-Villaumez (Louis Edouard), *comte.* Description nautique des côtes de l'Afrique occidentale comprises entre le Sénégal et l'équateur... [Appendice... Par M. A. Fleuriot de Langle. Appendice... traduit par M. Duveyrier.] *Paris: Robiquet*, 1848. 2 p.l., 373 p., 1 map, 43 pl. 8°.

American Pilots.

United States.—*Hydrographic Office.* List of lights of the west coast of Africa and the Mediterranean sea. *Washington*, 1877–1901. 8° and 4°. (Navy Dept. Hydrographic Office Publication no. 32.)

Coast Pilots and Sailing Directions, cont'd.

—— —— —— Corrected to July, 1877. 146, viii p. 8°.

—— —— —— Corrected to August, 1879. 145, viii p. 8°.

—— —— —— Corrected to July 13, 1901. 117, xxi p. 4°.

Title changes to:

—— —— List of lights of the world. v. 3. West coast of Africa and Europe and the Mediterranean Sea. *Washington*, 1903–1904. 4°.

—— —— —— Corrected to April 30, 1903. (4), 132, xxii p.

—— —— —— Corrected to Feb. 1, 1904. (4), 135, xxii p.

—— —— The West Coast of Africa. pt. 1. Cape Spartel to Sierra Leone. Translated and compiled by Henry H. Gorringe [from the French of Alexandre Le Gras and A. L. A. M. M. Vallon]. *Washington*, 1873. vii, 223 p., 21 pl. (Navy Dept. Hydrographic Office Publication no. 46.)

—— —— Supplement no. 1. June 30, 1886. 7 p.

—— —— The West Coast of Africa. pt. 2. From Sierra Leone to Cape Lopez. Translated and compiled by Leonard Chenery [from the French of C. P. de Kerhallet and A. Le Gras]. *Washington*, 1875. x, 311 p., 38 pl. 8°. (Navy Dept. Hydrographic Office Publication no. 47.)

—— —— —— Supplement no. 1. June 30, 1886. 15 p.

—— —— The West Coast of Africa. pt. 3. From Cape Lopez to the Cape of Good Hope, including the islands in the Bight of Biafra, and Ascension and St. Helena Is. Translated and compiled by J. R. Bartlett [from the French of C. P. de Kerhallet and A. Le Gras]. *Washington*, 1877. x, 272 p., 44 pl. 8°. (Navy Dept. Hydrographic Office Publication no. 48.)

—— Supplement no. 1. Jan. 30, 1886. 21 p.

British Pilots.

Great Britain.—*Hydrographic Office.* Africa pilot; or, Sailing directions for the west coast of Africa. pt. 1. From Cape Spartel to the River Cameroon, including the Azores, Madeira, Canary and Cape Verde Islands. *London*, 1880–1885. 8°.

—— —— —— ed. 3. 1880. x, 356 p., 1 map.

—— —— —— ed. 4. 1885. x, 356 p., 1 map.

—— —— The African pilot; or, Sailing directions for the west coast of Africa. Part II. From the River Cameroon to the Cape of Good Hope. Compiled... by... G. F. McDougall... *London: Eyre and Spottiswoode*, 1868. viii, 277 p., 1 l. 8°.

Seller (J.), *and* C. Price. The fifth part of the General English pilot, describing... the West coast of Africa... *London: J. Matthews*, 1701. 1 p.l., 43 p., 20 maps. f°. (In: John Seller's The English pilot. *London*, 1701. f°. pt. 5.)

Alaska.

United States.—*Coast and Geodetic Survey.* Pacific coast. Coast pilot of Alaska, (first part) from southern boundary to Cook's Inlet. 1869. By George Davidson. *Washington: Govt. Prtg. Office*, 1869. 251 p., 7 pl. clo. 4°.

Findlay (Alexander G.) Directory of Behring's Sea and coast of Alaska... *Washington: Govt. Prtg. Off.*, 1869. 193 p. 8°. (U. S. Hydrographic Off. [Pub. no. 20].)

United States.—*Coast and Geodetic Survey.* Pacific coast pilot; coasts and islands of Alaska. 2. ser. App. 1. *Washington: Govt. Prtg. Off.*, 1879. 375 p., 26 maps (14 col'd.) 4°. (Treasury Dept.)

—— —— Pacific coast Pilot: Alaska. pt. 1. [Coast from Dixon entrance to Yakutat Bay with the inland passage.] *Washington: Govt. Prtg. Office*, 1883. 1 p.l., ix, 333 p., 16 charts, 13 pl. hf. lea. 4°. (Treasury Dept.)

Simpson (Edward.) Ice and ice movements in Bering sea and the Arctic Basin. *Washington: Govt. Ptg. Off.*, 1890. 25 p., 1 map. 8°. (U. S. Hydrogr. Off. [Pub.] no. 92.)

Moser (J. F.) Alaska. Hydrographic notes and sailing directions relating to portions of Alaska from Dixon entrance to Yakutat Bay, including reconnoissance surveys of Cordova Bay, Bucarelli Bay, and Red Fish Bay. *Washington: Govt. Prtg. Off.*, 1899. 1 p.l., 113–117 p., 3 charts. 4°. (U. S. Coast & Geodetic Survey. Bull. 37.)

—— Alaska. Hydrographic notes, sailing directions, and charts of surveys relating to the vicinity of Prince William sound, Cook inlet, Kadiak island, and route from Unalaska to Chignik, through Unimak pass and inside the islands. 1897. *Washington: Govt. Prtg. Office*, 1899. 120–142 p., 6 charts, 3 pl. 4°. (U. S. Coast and Geodetic Survey. Bull. 38.)

Moore (E. K.) Alaska. Predicted times of slack water at Seymour Narrows, Discovery Passage, B. C., and at Sergius Narrows, Peril Strait, Alaska, from May to December, 1899. *Washington: Govt. Prtg. Office*, 1899. 1 p.l., 145–150 p. 8°. (U. S. Coast and Geodetic Survey. Bull. 39.)

United States.—*Coast and Geodetic Survey.* Alaska: coast pilot notes on the Fox Island Passes, Unalaska Bay, Bering Sea, and Arctic Ocean as far as Point Barrow. Prepared by the Coast and Geodetic Survey, and revised by Lieut. D. H. Jarvis... *Washington: Govt. Prtg. Office*, 1899. 163–204 p., 3 maps. f°. (Bull. 40.)

—— Same. *Washington: Govt. Prtg. Off.*, 1902. 73 p. [4. ed.] 4°.

Algeria.

Herbinghem (—— d'), *Captain.* Instructions particulières pour les bâtiments à vapeur naviguant en courrier sur les côtes de l'Algérie. *Paris*, 1852. 2 l., 28 pl. obl. 4°.

America, East Coast.

Blunt (Edmund March.) The American coast pilot; containing directions for the principal harbors, capes, and headlands, on the coast of North and part of South America... 19th edition, by E. and G. W. Blunt. *New York*, 1863. il. maps. 8°.

—— —— 21. ed. by G. W. Blunt. *New York: G. W. Blunt*, 1867. 1 p.l., iii–vi, 1 l., 841 p., 4 maps. 8°.

America, East and West Coasts.

United States.—*Hydrographic Office.* List of lights of North and South America (east and west coasts). Corrected to March, 1877. *Wash-*

Coast Pilots and Sailing Directions, cont'd.

ington, 1877. 117, viii p. 8°. (Navy Dept. Hydrographic Office Publication no. 30.)

—— —— —— Corrected to May, 1879.

—— —— —— Corrected to Oct., 1883.

Title changes to:

—— —— List of lights of the world. v. 1. East and west coasts of North and South America (except U. S.), including West India and Pacific Islands. *Washington*, 1902–1907. 4°.

—— —— —— Corrected to Oct. 31, 1902.

—— —— —— Corrected to Jan. 1, 1904.

—— —— —— Corrected to Jan. 1, 1907. 2 p.l., 78, xvii p.

Atlantic Ocean.

Germany.—*Seewarte, Direktion der.* Atlantischer Ozean. Ein Atlas... *Hamburg: L. Friederichsen & Co.*, 1902. vi, 9 p., 39 maps. 2. ed. f°.

Atlantic Ocean, Eastern.

Great Britain.—*Hydrographic Office.* Sailing directions for the west coasts of France, Spain, and Portugal. From Ushant to Gibraltar. Compiled by...James Penn. *London*, 1867. viii, 336 p. 8°.

—— —— —— Ed. 3. 1881. [Revised by Staff Commander Hitchfield.] viii, 396 p., 1 map.

—— —— —— Ed. 4. 1885. viii, 413 p., 1 map.

United States.—*Hydrographic Office.* List of lights of the Atlantic coast of Europe, the English channel and North sea. *Washington*, 1877–1879. 8°. (Hydrographic Office Publication. no. 33.)

—— —— —— Corrected to Sept. 1877. 99, v pp.

—— —— —— Corrected to Sept., 1879. 101, v p.

Atlantic Ocean, North.

Blunt (G. W.) Memoir of the dangers and ice in the North Atlantic Ocean. *Washington: Govt. Prtg. Off.*, 1868. vi, 32 p., 1 map. 8°. (U. S. Hydrographic Off. [Pub. no. 15])

Des Barres (Joseph Frederick Wallet). Atlantic Neptune. Published for the use of the Royal Navy of Great Britain. *London*, 1780–81. 2 v. f°.

—— —— *London*, 1788. 4 v. f°.

—— A statement submitted by Lieutenant Colonel Desbarres, for consideration Respecting his services, from the year 1755, to the present time—in the capacity of an officer and engineer during the war of 1776. The utility of his surveys and publications of the coasts and harbours of North America, intituled, The Atlantic Neptune. And his proceedings and conduct as Lieutenant Governor and Commander in Chief of His Majesty's colony of Cape Breton. [*London?* 1795] 1 p.l., ix, 90 p., 4 l. f°.

Contemporary MS. note states that this work was privately printed for submission to Parliament.

Findlay (A. G.) A directory for the North Atlantic Ocean. comprising instructions, general and particular, for its navigation. Revised and edited by W. R. Kettle. *London: R. H. Laurie*, 1895. xii, 1005 p., 11 maps, 5 pl., 1 tab. 15. ed. 4°.

Freeden (Wilhelm Ihno Adolph von). Routes of mail steamers between the English Channel and New York. (In: United States. Hydrog. Off. Pub. no. 49. 1873.) chart.

Hayden (Everett). The pilot chart of the north Atlantic ocean, issued monthly by the United States Hydrographic office. A lecture... *n. t.-p.* [*Philadelphia*, 1903.] 28 p., 2 maps. 8°.

Repr.: Franklin Inst. Journ., April, 1888.

Kerhallet (Charles Philippe de). General examination of the Atlantic Ocean...with nautical directions for avoiding hurricanes and a memoir on the currents of the Atlantic; translated from the... French...by R. H. Wyman. *Washington: Govt. Prtg. Off.*, 1870. xii, 1 l., 217 p. 8°. (U. S. Hydrographic Off. [Pub. no. 22])

—— Same. Supplement no. 1, June 30, 1886. *Washington*, 1886. 8°.

Labrosse (F.) The navigation of the Atlantic Ocean...translated by J. B. Coghlan. *Washington: Govt. Prtg. Off.*, 1873. v, 296 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 45.)

—— Same. Supplement no. 1, June 30, 1886. *Washington*, 1886. 8°.

[Maury (Matthew Fontaine)] Steam-lanes across the Atlantic. *Washington: Govt. Prtg. Off.*, 1873. 19 p., 2 maps. 8°. (U. S. Hydrographic Off. [Pub.] no. 40.)

Purdy (John). Memoir, descriptive and explanatory, to accompany the charts of the Northern Atlantic ocean; and comprising instructions...for the navigation of that sea. 10. edition...improved ...by A. G. Findlay. *London: R. H. Laurie*, 1853. xiii, 82 p., 1 map. 8°.

Rodman (Hugh). Ice and ice movements in the North Atlantic Ocean. *Washington*, 1890. 26 p., 4 maps. 8°. (U. S. Hydrogr. Off. [Pub.] no. 93.)

Atlantic Ocean, South.

Rosser (William Henry). Short notes and sailing directions, with remarks on making passages; to accompany a chart of the South Atlantic. *London: E. J. Imray & Son*, 1874. 1 p.l., 43 p. 8°.

Chart missing.

Australia.

Great Britain.—*Hydrographic Office.* The Australia directory. v. 1. South and east coasts, Bass Strait, and Tasmania. Compiled by Charles B. Yule. *London*, 1868. ed. 6. xii, (1), 543 p. 8°.

—— —— —— ed. 7. 1876. xii, (1), 631 p., 1 map.

—— —— The Australia directory. v. 2. East coast, Torres Strait and Coral Sea. Compiled by Charles B. Yule. *London*, 1859. xviii, (1), 385 p. 8°.

—— —— —— ed. 3. Comprising the east coast, Torres Strait, and Coral Sea. Also, the Gulf of Papua, eastern coasts of New Guinea, and Louisiade Archipelago. Revised by Capt. Inskip. 1879. xviii, 629 p., 1 map. 8°.

—— —— —— ed. 4. Comprising the east coast from Port Jackson to Cape York, Torres Strait, and approaches, the Coral Sea, and part of Carpentaria Gulf. [Revised by Staff-commander W. H. Petley.] 1889. xx, 578 p., 1 map. 8°.

Coast Pilots and Sailing Directions, cont'd.

—— —— The Australia directory. v. 3. North, north-west and west coasts. By Charles B. Yule. *London*, 1863. xii, 266 p. 8°.

Azof, Sea of.

See Black Sea.

Azores.

United States.—*Hydrographic Office.* The Azores or Western Islands. Translated from the French of C. P. de Kerhallet, with additions to the present date, by George M. Totten. *Washington*, 1874. 89 p. 8°. (Navy Dept.)

—— —— —— Supplement, no. 1. August, 1886. 1 l.

—— —— The Azores, Madeiras, Salvages, Canaries and Cape Verde Islands. *Washington*, 1892. 4 p.l., 158 p., 1 chart. 8°. (Navy Dept.)

—— —— —— ed. 2. Revised by R. C. Ray. 1892. vii, 158 p., 1 map. 8°.

—— —— —— Supplement, ed. 3. 6 ll. 8°. (Hydrographic Office Publication no. 102.)

Baltic Sea.

Instructions nautiques sur la navigation de la Mer Baltique. *Paris*, 1825. pl. 4°.

Instructie voor de scheepskapiteins, die de Russische havens bezoeken. In het Nederduitsch vertaald door J. J. Abbink. *Amsterdam: Weytingh & Van der Haart*, 1846. iv, 55 p. nar. 8°.

United States.—*Hydrographic Office.* List of lights of the North, Baltic and White Seas... corrected to Oct., 1877. *Washington: Govt. Prtg. Off.*, 1877. 101, v p. 8°. (U. S. Hydrographic Off. [Pub.] no 33a ; 5.)

—— Same. Corrected to Dec. 12, 1879. *Washington*, 1879. 8°.

—— Same. Corrected to 1887. *Washington*, 1887. 8°. ([Pub.] no. 74; 5.)

Biscay, Bay of.

Totten (George M.), *and* S. Schroeder. Coasts and ports of the Bay of Biscay. *Washington: Govt. Prtg. Off.*, 1876. x, 529 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 60.)

—— Same. Supplement, no. 1, June 30, 1886. *Washington*, 1886. 5 p. 8°.

Black Sea.

Taitbout de Marigny. Portulano del mar nero e del mar d'Azof. *Livorno*, 1832. 8°.

Brazil Coasts.

Brazil.—*Hydrographia, Directoria de.* Repartiçao da carta maritima, Avisos aos navegantes. 1902–4. *Rio de Janeiro*, 1902–4. 8°.

Certaine voyages, Navigations and traffiques ...to divers places upon the coast of Brazil: together with a Ruttier for all that coast. [1530–1590.] (Hakluyt's Principal Navigations. *London*, 1600. v. 3, pp. 700–726.)

Voyages of Hawkins, Reniger and Borey, Pudsey, Whithal, Hare, Lancaster.

Dessiou (J. F.) The Brazil pilot; or, Sailing directions for the coast and harbours of Brazil... an account of the prevailing winds in the Atlantic and Ethiopic oceans, with directions for navigating from the English channel to the coast of Brazil, Cape of Good Hope, St. Helena, the Madeira, Canary, Cape Verde and Azore...islands...directions for the river Plate. *London: W. Faden*, 1818. iv, 108, 3 p. 8°.

Roussin (Albin René). Le pilote du Brésil; ou, Description des côtes de l'Amérique méridionale, situées entre l'ile Santa-Catarina et celle de Maranhão... composé sur les documents recueillis dans la campagne hydrographique exécutée en 1819 et 1820, sur la corvette la Bayadère et le brig le Favori. *Paris*, 1826. pl. f°.

Gorringe (Henry H.) The coast of Brazil; v. 1. From Cape Orange to Rio Janeiro. *Washington: Govt. Prtg. Off.*, 1873. x p., 2 l., 367 p., 23 pl. 8°. (U. S. Hydrographic Off. [Pub.] no. 43.)

—— Same. Coast of South America; pt. 1. Supplement no. 1, June 30, 1876. *Washington*, 1886. 4 p. 8°.

Bremen.

Aus See nach Bremen-Stadt. Wegweiser für Schiffsführer. Hrsg. auf Veranlassung der Handelskammer zu Bremen. Jahrg. 11 (1899). *Bremen*, 1899. 16°.

Bristol Channel.

Great Britain.—*Hydrographic Office.* Sailing directions for the British Channel. Compiled by Capt. E. J. Bedford... *London:* [*Eyre & Spottiswoode*,] 1879. viii, 162 p., 2 maps. 3. ed. 8°.

British Columbia.

Great Britain.—*Hydrographic Office.* The British Columbia Pilot, including the coast of British Columbia, from Juan de Fuca Strait to Portland Canal, together with Vancouver and Queen Charlotte Islands. Compiled by F. W. Jarrad and W. H. Sharp. *London*, 1888–95. xiii, 578, 8 p., 1 map. 8°.

—— —— —— Supplement, 1895. Corrected to January, 1895. 44 l. 8°.

United States.— *Hydrographic Office.* The coast of British Columbia, including the Juan de Fuca Strait, Puget Sound, Vancouver and Queen Charlotte islands. Compiled by R. C. Ray. *Washington*, 1891. vi, 484 p., 1 map. 8°. (Hydrographic Office Publication no. 96.)

—— —— —— Supplement. 1898. 39 l.

Cadiz, Gulf of.

Wyman (R[obert] H.) Winds, currents, and navigation of the Gulf of Cadiz, the western coast of the Spanish Peninsula and the Strait of Gibraltar. *Washington: Govt. Prtg. Off.*, 1870. vi, 1 l., 89 p., 3 maps. 8°. (U. S. Hydrographic Off. [Pub. no. 23])

Cape Verde Islands.

Kerhallet (Charles Philippe de), *and* A. Le Gras. The Cape Verde Islands; translated from the French... with additions to the present date by William H. Parker. *Washington: Govt. Prtg. Off.*, 1873. 45 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 53.)

—— Same. Supplement no. 1, Aug. 12, 1886. *Washington*, 1886. 8°.

Central America.

France.—*Marine et des Colonies, Ministère de la.* Reconnaissance hydrographique des côtes occi-

Coast Pilots and Sailing Directions, cont'd.

dentales du Centre-Amérique, exécutée par la corvette *La Brilliante. Paris: Imp. de F. Didot Frères*, 1854. 2 p.l., 80 p., 1 l., 1 map, 7 pl., 1 tab. 8°.

United States.—*Hydrographic Office.* The west coast of Mexico and Central America, from the boundary line between the United States and Mexico, to Panama, including the Gulf of California. *Washington: Govt. Prtg. Office*, 1887. 135 p., 1 chart. 8°. (no. 84.)

Chile.

[**Chile.**—*Marina, Secretario de.*] Derrotero para las costas de Chile. *Santiago: Imprenta del Ferrocarril*, 1860. 63 p. 8°.

Chaigneau (J. Federico). Instrucciones nauticas de la costa de Chile. *Santiago de Chile: Imprenta i encuadernacion Barcelona*, 1895. 2 v. in 1. 8°.

v. 1, De Llanquihue a Coquimbo; v. 2, De Coquimbo a Arica e Islas Esporadicas.

Pomar (Luis). Esploracion hidrografica del litoral de Antofagasta. *Santiago de Chile: Impr. Nacional*, 1886. 67 p. 8°.

China Seas.

China.—*Statistical Department.* Special series, no. 5. Notices to mariners. Issue 1–22, 25. 1862/82–1903, 1906. *Shanghai*, 1883–1907. 4°. (Customs, Inspector-General.)

Great Britain.—*Hydrographic Office.* The China Pilot. The coasts of China, Korea and Tartary; the sea of Japan, gulfs of Tartary and Amur, and sea of Okhotsh; and the Babuyan, Bashi, Formosa, Meiaco-Sima, Lu-Chu, Ladrones, Bonin, Japan, Saghalin, and Kurile Islands. *London*, 1861–64. 8°.

—— —— —— Ed. 3. 1861. Compiled by J. W. King. ix, 460 p.

—— —— —— Ed. 4. 1864. xii, 661 p., 1 l.

—— —— The China Sea Directory. v. 1. containing directions for the approaches to the China Sea, by Malacca, Singapore, Sunda, Banka, Gaspar, Carimata, Rhio, Berhala, and Durian Straits. *London*, 1890–96. 8°.

—— —— —— Ed. 3. Supplement, 1890. With a list corrected to June, 1890, of additions and alterations to lights. 241 p.

—— —— —— Ed. 4. 1896. xxiv, 614 p., 1 chart.

—— —— The China Sea Directory. v. 2. Containing directions for the navigation of the China Sea, between Singapore and Hong Kong. *London*, 1886–93. 8°.

—— —— —— [Ed. 1.] 1868. Compiled by J. W. Reed... and edited by... J. W. King... xii, 426 p.

—— —— —— Ed. 3. 1889. [Compiled by C. F. Oldham.] xv, 580, 8 p., 1 chart.

—— —— —— Ed. 3. Supplement. Corrected to March 3, 1893. 49 l.

—— —— The China Sea Directory. v. 3. Comprising the coast of China from Hongkong to the Korea; North coast of Luzon, Formosa Island and Strait; the Babuyan and Bashi groups and Pratas Island. Yellow Sea, Gulfs of Pe Chili and Liau Tung. Also the Rivers Canton, West, Min, Yung, Yang Tse, Yellow Pei Ho, and Liau Ho. Ed. 3. [Compiled by H. Petley.] *London*, 1894. xxiv, 704 p., 1 chart. 8°.

—— —— The China Sea Directory. v. 4. Comprising the coasts of Korea, Russian maritime province, Japan, Gulf of Tartary, and the sea of Okhotsk; also the Meiaco, Liu Kiu, Linschoten, Mariana, Bonin and Kuril Islands. Ed. 3. Compiled by W. N. Goalen. *London*, 1894. xxiv, 704 p., 1 chart. 8°.

—— —— Hydrographic Notice, 1896. no. 1. Notice no. 1, relating to China Sea directory, vol. 4. ed. 3., 1894. *London: Darling & Son*, 1896. 14 ll. 8°.

Robertson (George). Memoir of a chart of the China sea... 3d ed., corrected. (In: Nautical direc., New.) *London*, 1805. 4°.

Corsica.

France.—*Marine Ministère de la.* Pilote de l'ile de Corse, levé dans les années 1820, 1821, 1822, et 1824, par M. Hell, secondé par MM. T. Deloffre et Aé Mathieu [and others]. [*Paris*,] 1831. 2 l., 8 charts, 22. f°.

Crete.

Great Britain.—*Hydrographic Office.* Sailing directions for the island of Candia or Crete. By Cap. T. Spratt... *London: [Eyre & Spottiswoode,]* 1866. 2 p.l., 38 p. 2. ed. 8°.

Dardanelles.

Great Britain.—*Hydrographic Office.* Sailing directions for Dardanelles, Sea of Marmora, Bosporus and Black Sea. *London*, 1893–97. 8°.

—— —— —— Ed. 4. 1893. [Compiled by James R. H. MacFarlane.] xxvi, 380 p., 1 map.

—— —— —— Ed. 4. Supplement, corrected to September, 1897. 27 l.

Denmark.

Denmark.—*Sökaart-Archiv.* Efterretninger for Söfarende. 1893, 1895, 1897, 1898, 1902. Udgivet af det Kongelige Sökaart-Archiv. 9., 11., 13., 14., 18. aargang. *Kjöbenhavn*, 1893–1902. 8°.

—— —— Den Danske Havne-Lods... *Köbenhavn*, 1892–1903. [Ed. 1.] 1892. 101 p., 1 l. 8°.

—— —— —— Ed. 4. 1903. 113 p.

—— —— Fortegnelse over Fyr og Taagesignalstationer i... Danmark med Bilande. *Kjöbenhavn*, 1896–date. f°.

Great Britain.—*Hydrographic Office.* Danish Pilot. ed. 2. 1885. Supplement, 1890. Corrected to July 16. *London*, 1890. 49 p. 8°.

United States.—*Hydrographic Office.* Sailing directions for the Kattegat, Sound and Great and Little Belts to the Baltic Sea. [Compiled by William Gibson.] *Washington*, 1881. 98 p. 8°.

—— —— —— Supplement no. 1, Aug. 12, 1886. 3 p.

East Indies.

See also China Seas; Indian Ocean.

Après de Mannevillette (Jean Baptiste Nicolas Denis d'). Directions for navigating from the Channel to the East Indies; translated from A.'s

Coast Pilots and Sailing Directions, cont'd.

Mémoire sur la navigation de France aux Indes; a chart and plans by T. Jefferys. *London*, 1769. 8°.

—— Instructions de D'Après sur la navigation des Indes Orientales. *Paris: Imp. Royal*, 1819. 354 pp. 8°.

Davis (John). A Ruter, or briefe direction for readie sayling into the East-India... [1615.] (Purchas his Pilgrimes. *London*, 1625. 1, iv, 444–455.)

Followed by Clayborne's sailing directions.

Horsburgh (James). Directions for sailing to and from the East Indies, China, New Holland, Cape of Good Hope, and interjacent ports. *London*, 1809–11. 4°.

—— India directory; or, Directions for sailing to and from the East Indies, China, New Holland, Cape of Good Hope, Brazil, and the interjacent ports. 2d. ed. *London*, 1811–16. 2 v. in 1. 4°.

Netherlands. — *Hydrographic Afdeeling.* Zeemansgids voor den Oost-Indischen Archipel. Deel. 1–4. *'s-Gravenhage: Mouton & Co.*, 1899–1906. 8°.

—— —— Deel 1, 2. druk, 1904; Deel 2, 2. druk, 1905.

—— —— Aanvullingsblad, Deel 1, no. 1; Deel 2, no. 1; Deel 3, no. 1–2.

—— —— Landverkenningen behoorende bij Deel 1–2, 4. *'s-Gravenhage: Mouton & Co.*, 1902–6. 8°.

—— —— Mededeelingen op zeevaartkundig gebied over Nederlandsch Oost-Indië. 1–2, 5, 8, 11–12, 14, 16–18, 20–31. *'s-Gravenhage*, 1896–1903. 8°. (Marine, Minist. van.)

Wright (Gabriel). New nautical directory for the East-India and China navigation. 7th ed. *London* [1802–5]. 4°.

English Channel.

Great Britain.—*Hydrographic Office.* The new British Channel pilot, containing sailing directions from London to Liverpool, including the Bristol Channel, and from Calais to Brest. 10. ed. newly arranged...by J. W. Norie. *London*, 1835. viii, 196 p. 8°.

—— —— The channel pilot. Part 1. Southwest and south coast of England. *London*, 1863–1895. 8°.

—— —— —— Ed. 2. 1863. Compiled by John W. King. vii, 270 p.

—— —— —— Ed. 3. 1869. [Revised and corrected by G. F. McDougall.] viii, 269 p.

—— —— —— Ed. 5. 1878. [Revised by J. C. Richards.] viii, 286 p., 1 map.

—— —— —— Ed. 6. 1882. viii, 300 p., 1 map.

—— —— —— Ed. 7. 1886. [Revised by Edward H. Hills.] viii, 345 p., 1 map.

—— —— —— Ed. 8. 1893. xxi, 438 p., 1 map.

—— —— —— Ed. 8. Supplement. Corrected to July, 1895. 69 p.

—— —— The Channel Pilot, part 2. Coast of France and the Channel Islands. *London*, 1859–97. 8°.

—— —— —— [Ed. 1.] 1859. Compiled... by J. W. King. xii, 451 p., 26 pl.

—— —— —— Ed. 4. 1882. [corrected by Staff commander Hitchfield.] xi, 486 p., 1 chart.

—— —— —— Ed. 5. 1888. [corrected by E. H. Hills.] xi, 616 p., 1 chart.

—— —— —— Ed. 6. 1897. xviii, 678 p., 1 chart.

—— —— The Channel Islands pilot; or, Sailing directions for Guernsey, Serk, Alderney, and Jersey. By...John Richards... *London: [Eyre & Spottiswoode,]* 1870. viii, 145 p., 1 l. 8°.

United States.—*Hydrographic Office.* Sailing directions for the English Channel; part 1, South Coast of England. *Washington*, 1872. [Ed. 1.] vi, 255 p., 6 charts. 8°. (Hydrographic Office Publication, no. 34.)

—— —— —— Supplement, no. 1. June 30, 1886. 13 p. 8°.

—— —— Sailing directions for the English Channel; part 2, North Coast of France and Channel Islands. Compiled by Asher C. Baker. *Washington*, 1877. viii, 548 p., 7 charts. 8°. (Hydrographic Office Publication, no. 35.)

—— —— —— Supplement, no. 1. March 13, 1886. 8 p. 8°.

Florida.

Description (A) of the Windward Passage and Gulf of Florida, with the course of the British trading-ships to, and from...Jamaica... *London: Printed by J. Applebee*, 1739. 23 (1) p. 4°.

Gauld (George). Observations on the Florida kays, reef and gulf; with directions for sailing... also a description, with sailing instructions, of the coast of West Florida...added a description of the east coast of Florida... *London: W. Faden*, 1796. 28 p. 4°.

France.

Beautemps-Beaupré (C. F.) Description nautique de la côte de France sur la mer du nord, de Calais à Ostende. *Paris: Imp. de la République* [1804]. 46 p. 4°.

France.—Pilote français...publié par ordre du Roi. [*Paris,*] 1822–43. 6 v. f°.

Pt. 1. Environs de Brest; rédigé par [C. F.] Beautemps-Beaupré. 1822.
2. Les côtes occidentales de France depuis la Pointe de Penmarc'h jusqu'à l'Île d'Yeu, levées en 1819–22 par les ingénieurs hydrographes de la marine . . . sous les ordres de [C.F.] Beautemps-Beaupré. 1829.
3. Les côtes occidentales de France depuis l'Île d'Yeu jusqu'à la côte d'Espagne, levées en 1822, 1824–26. 1832.
4. Les côtes septentrionales de France depuis l'Île Brehat jusqu'à Barfleur, levées en 1829–33. 1838.
5. Les côtes septentrionales de France depuis Barfleur jusqu'à Dunkerque, levées en 1833–36. 1841.
6. Les côtes septentrionales de France depuis les Roches de Porsal jusqu'au phare des Heaux de Brehat, levées en 1837–38. 1843.

Petit (Le) Neptune français; or, French coasting pilot, for the coast of Flanders (Belgium), Channel; the Bay of Biscay, and Mediterranean. To which is added, the coast of Italy from the River Var to Cape Spartivento; with the north coast of Sicily and the Island of Corsica...3. ed... rev. and aug. by J. F. Dessiou. xx, 188 p., 1 pl., 41 maps. *London: W. Bulmer & Co., printers*, 1805. 4°.

Coast Pilots and Sailing Directions, cont'd.

Fundy, Bay of.

United States.—*Hydrographic Office.* Sailing directions for Bay of Fundy, southeast coast of Nova Scotia, and the south coasts of Cape Breton Island. Compiled by R. C. Ray. *Washington,* 1897. 2. ed. vi, 381 p., 1 map. (Hydrographic Office Publication, no. 99.)

Great Britain.

United States.—*Hydrographic Office.* List of lights of the British Islands. Corrected to Oct., 1877. *Washington,* 1877. 113, v p. 8°. (Hydrographic Office Publication, no. 33b.)

—— —— —— Corrected to March 30, 1880. 113, v p.

—— —— —— Corrected to 1887. 2 p.l., 149, xi p. Publication, no. 75.

France.—*Instructions Nautiques, Service des.* Instructions nautiques sur les côtes sud et est d'Angleterre. *Paris: Imp. Nationale,* 1898. xvii, 660 p. 8°. (Marine, Service Hydrographique de la).

Great Britain.—*Hydrographic Office.* Sailing directions for the west coast of England, from the Scilly Islands to the Mull of Galloway, including the Isle of Man. [Compiled by C. H. C. Langdon.] *London,* 1891. Ed. 4. xxiv, 500 p., 1 map. 8°.

—— —— Hydrographic Notice, 1895. no. 3. Notice no. 1, relating to sailing directions for the west coast of England. Ed. 4, 1891. *London: Darling & Son,* 1895. 34 ll. 8°.

Denham (Henry Mangles). Remarks and sailing directions for approaching and navigating the sea-reach of Wyre up to Port Fleetwood, with some account of Wyre lighthouses and estuary. *Liverpool: J. & J. Mawdsley,* 1840. 26 p., 2 plans, 1 pl. 8°. (Great Britain. Admiralty.)

—— Sailing directions from Point Lynas to Liverpool, with charts...for navigating the Dee and Mersey...*Liverpool: J. & J. Mawdsley, prtrs.,* 1840. 1 p.l., xx, 1 l., 169 p., 5 charts, 1 map, 14 pl., cloth. 8°. (Great Britain. Admiralty.)

Burstal (E.) Handbook for pilots and coasters, navigation to and from the river Thames, through all the channels to Dungeness and Orfordness. *London: Hydrographic Office,* 1851. 1 p.l., 21 p. 8°. (Great Britain. Hydrographic Department.)

Swansea tide tables, containing heights of water upon the cills of the various docks, with new sailing directions...for the year 1898. *Swansea,* 1898. 12°. (Swansea Harbour Trust, 1898. 107 Ann. impr.)

Hawaii.

United States.—*Hydrographic Office.* The Hawaiian Islands, and the islands, rocks and shoals to the westward. [By Robert C. Ray.] *Washington: Govt. Prtg. Office,* 1899. v, 67 p. 8°. ([Pub.] 115.)

Iceland.

Denmark.—*Sökort Arkiv.* Den Islandske Lods...*Kjöbenhavn,* 1898. viii, 134 p. 4°.

—— Ed. 2. July 1, 1903. vi p., 1 l., 161 p., 2 diagr., 1 map, 1 tab.

Germany.—*Marine Amt.* Segel-Handbuch für die Insel Island nebst Anhang, betr. die Fisherei in den Gewässern dieser Insel. *Berlin: D. Reimer,* 1899. x, 140 p. 7 pls. 8°.

Indian Ocean.

See also East Indies.

Castro, John of. A Rutter of Don John of Castro, of the Voyage which the Portugals made from India to Zoez... shewing the state of Socatora, and the parts on both sides the red Sea... The originall of which is reported to have beene bought by Sir Walter Raleigh, at sixtie pounds, and by him caused to be done into English, out of the Portugall. [1541.] (Purchas his Pilgrimes. II, vii, 1122–1148. *London,* 1625.)

Blackburne (*Capt.* H. S.) Routes against the monsoons in the Indian and China seas. *London,* 1896. 24 p. 8°. (Shipmasters' society. London. Course of papers. no. 43.)

Mohi't. Extracts from the Mohi't, that is the Ocean, a Turkish work on navigation in the Indian seas. [By Si'di' Ali' Capudán.] Translated by Baron J. von Hammer. 3 pl. (Jour. Asiat. Soc. of Bengal. *Calcutta,* 1834. 8°. v. 3, pp. 545–553; v. 5, pp. 441–468; v. 6, pp. 805–812; v. 7, pt. 2, pp. 767–780; v. 8, pp. 823–830.)

France.—*Instructions Nautiques, Service des.* Instructions Nautiques. Ocean Indien, Golfe d'Oman, et Golfe Persique...*Paris: Imp. Nationale,* 1904. 4 p.l., xxxii, 239, A 11 p., 4 pl. 4°.

Great Britain.—*Hydrographic Office.* The Bay of Bengal Pilot, including south-west coast of Sumatra, Nicobar and Andaman Islands...*London,* 1887. x, 422 p., 1 map. 8°.

—— —— —— Supplement. Corrected to December 31, 1889. 67 p.

—— —— The West Coast of Hindustan Pilot; including the Gulf of Manar, the Maldive and Laccadive islands. *London,* 1866–1893. 8°.

—— —— —— [Ed. 1.] 1866. Compiled by A. D. Taylor. viii, 317 p.

—— —— —— Ed. 2. 1880. [Revised by E. C. Davison.] vii, 364 p., 1 map.

—— —— —— Ed. 3. 1891. Official copy. [Revised by J. J. P. Hitchfield.] xxii, 414 p., 1 map.

—— —— —— Ed. 3. 1893. xx, 414 p., 1 map.

—— —— Hydrographic Notice, 1895. no. 6. Notice no. 1., relating to west coast of Hindustan pilot. ed. 3., 1891. *London: Darling & Son,* 1895. 37 pp. 8°.

Kerhallet (Charles Philippe de). Considérations générales sur l'océan Indien, suivies de la traduction par le même des instructions pour la navigation dans le détroit de Torres, et accompagnées des prescriptions nautiques pour échapper aux ouragans. *Paris: P. Dupont,* 1853. xviii, 1 l., 304 pp., 3 charts. 2. ed. 8°. (France. Marine, Dépot Général de la.)

—— General examination of the Indian Ocean, together with directions for the navigation of Torres Straits and nautical directions for avoiding hurricanes, translated from 3. French ed. by R. H. Wyman. *Washington: Govt. Prtg. Off.,* 1870. xv, 265 pp., 4 maps. 8°. (U. S. Hydrographic Off. [Pub. no. 24])

—— Same. Supplement. 1886. 1 l. 8°.

Coast Pilots and Sailing Directions, cont'd.

Sawyer (F. E.) Sailing directions of the Indian Ocean, the winds, monsoons, currents, and passages, including, also, the Java Sea, Sulu Sea, Afuera Sea and the Philippine Islands. *Washington: Govt. Prtg. Off.*, 1887. v. p. 8°. (U. S. Hydrographic Off. [Pub.] no. 85.)

Weyl (Émile). Océan Indien. Golfe du Bengale, depuis la pointe de Galle, jusqu'à la Tête d'Achem, avec les documents les plus récents. *Paris: Imp. Nat.*, 1877. 3 l., ix–xvi, 293 pp. hf. lea. 8°. (France. Cartes et Plans de la Marine, Dépot des.)

Ireland.

Great Britain.—*Hydrographic Office.* Sailing directions for the coast of Ireland, Part 1. South, east, and north coasts of Ireland. Compiled...by...Richard Hoskyn...*London:* [*Eyre & Spottiswoode,*] 1885. viii, 216 p., 1 map. 3. ed. 8°.

—— —— Sailing directions for the coast of Ireland. Part 2. South-west, west and north-west coasts. Compiled by Richard Hoskyn. *London*, 1868. viii, 210 p. 8°.

—— —— —— Ed. 3. 1887. [Revised by C. W. Baillie.] 2 p.l., ii, v–viii p., 1 l., 284 p., 1 map.

—— —— The Irish Coast Pilot, containing both parts of sailing directions for the coast of Ireland formerly published in two volumes, originally compiled by Richard Hoskyn. [Revised by W. H. Petley.] *London*, 1893. xviii, 520 p., 1 chart. 4. ed. 8°.

—— —— Hydrographic Notice, 1897. No. 4. Relating to the Irish coast pilot. ed. 4, 1893. *London: Darling & Son*, 1897. 2 v. 8°.

Italy.

Sailing directions for part of the southern coast of Italy; the Adriatic sea; or Gulf of Venice; and the Albanian and Grecian coasts; with the Ionian Islands. Extracted from. .Book of directions for the Mediterranean Sea, &c. Originally compiled by J. W. Norie. Revised to the present time by J. S. Hobbs. *London: C. Wilson*, 1852. iv, 76 pp. pap. 8°.

Japan.

Great Britain.—*Hydrographic Office.* The China pilot. The coasts of China, Korea, and Tartary; the sea of Japan, gulfs of Tartary and Amúr, and sea of Okhotsk; and the Babuyan, Bashí, Formosa, Meiaco-Sima, Lu-Chu, Ladrones, Bonim, Japan, Saghalin, and Kuril Islands. Compiled...by J. W. King...*London:* [*Eyre & Spottiswoode*] 1861. ix, 460 p. 3. ed. 8°.

—— —— —— Same. *London:* [*Eyre & Spottiswoode*] 1864. 661 p., 1 l. 4 ed. 8°.

Perry (Matthew Galbraith). Sailing directions, and regulations, made under the direction of Commodore M. C. P. *Cambridge: Metcalf & Co., Univ. prtrs.*, 1855. 40 pp. bds. 8°. (United States. Naut. Almanac Office.)

Madagascar.

Après de Mannevillette (J. B. N. D. d'). Memoir of a chart of the islands and dangers to the N. E. of Madagascar; translated by A. Dalrymple. (In Dalrymple, A. Memoir concerning the Chagos. *London*, 1786.)

Madeira.

Kerhallet (Charles Philippe de), *and* A. Le Gras. Madeira, the Salvages, and Canary Islands; translated from the French...with additions by George M. Totten. *Washington: Govt. Prtg. Off.*, 1874. 90 pp. 8°. (U. S. Hydrographic Off. [Pub.] no. 51.)

—— —— Same. Supplement no. 1, Feb. 6, 1886. *Washington*, 1886. 8°.

Magellan Strait.

Great Britain.—*Hydrographic Office.* Sailing directions for Magellan Strait, and channels leading to the gulf of Peñas. By Cap. Richard C. Mayne... *London:* [*Eyre & Spottiswoode*] 1871. vi, 1 l., 116 p. 8°.

Lefèvre (M. A.) Remarks of M. A. L...on the voyage of the Vaudreuil through the Patagonian channels and Magellan Strait; translated from the French by George M. Totten. *Washington: Govt. Prtg. Off.*, 1874. 23 pp. 8°. (U. S. Hydrographic Off. [Pub.] no. 55.)

Mayne (Richard C.) Derrotero del estrecho de Magallanes y canales que conducen al golfo de Peñas... Traducido al español por D. Patricio Lynch Zaldivar... *Valparaiso: Impr. de la "Patria,"* 1874. 171 p. 8°. (Chile. Marina, Sec. de.)

Strombek (von). Ueber die Eigenthümlichkeiten der Navigirung durch die Magellan-Strasse. (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 27 pp., 436–442. *Berlin*, 1899.)

Marshall Islands.

Beardslee (L. A.) Marshall Group, North Pacific Islands. [*Washington*, 1870.] 33 p. 8°. (U. S. Hydrographic Off.)

Mediterranean.

Great Britain.—*Hydrographic Office.* The Mediterranean Pilot. v. 1. Comprising Gibraltar strait, coast of Spain, African coast from Spartel to gulf of Gabes, together with the Balearic, Sardinian, Sicilian and Maltese islands. [Compiled by J. C. Richards.] *London*, 1894. 566 p., 1 map. 3. ed. 8°.

—— —— —— Ed. 3, supplement. Corrected to March 14, 1898. 20 l.

—— —— The Mediterranean Pilot. v. 2. Comprising coasts of France, and of Italy to the Adriatic; African coast from Jerba to El Arish; coasts of Karamania and Syria, together with the Tuscan archipelago, and islands of Corsica and Cyprus. [Compiled by G. D. Lee and J. C. Richards.] *London*, 1895. xxvi, 510 p., 1 map. 3. ed. 8°.

—— —— The Mediterranean Pilot. v. 3. comprising the Adriatic sea, Ionian islands, the Coasts of Albania and Greece to Cape Malea, with Cerigo island; also the gulfs of Patras and Corinth. [Revised by E. H. Hills.] *London*, 1890. xxviii, 516 p., 1 map. 2. ed. 8°.

—— —— —— Supplement. Corrected to May 15, 1894.

—— —— The Mediterranean Pilot. v. 4. Comprising the archipelago with the adjacent coasts of Greece and Turkey; including also the island of Candia or Crete. [Revised by J. F. R. Aylen.] *London*, 1892. xxvi, 408 p., 1 map. 2. ed. 8°.

Coast Pilots and Sailing Directions, cont'd.

—— —— Hydrographic Notice, 1895. no. 5. Notice no. 1., relating to the Mediterranean pilot, v. 4. ed. 2., 1892. *London: Darling & Son*, 1895. 13 ll. 8°.

Le Gras (Alexander). General examination of the Mediterranean Sea, a summary of its winds, currents, and navigation; translated [from the French], with a few additional extracts by R. H. Wyman. *Washington: Govt. Prtg. Off.*, 1870. vi, 1 l., 208 p. 8°. (U. S. Hydrographic Off. [Pub. no. 25])

Michelot (H.) Portulan de la Mer Méditerranée ou Guide des Pilotes Côtiers, nouvelle édition corrigeé et augmentée. *Marseille*, 1805. 8°.

Norie (John William). The new Mediterranean pilot, containing sailing directions for the coasts of France. Spain, and Portugal, from Ushant to Gibraltar; also instructions for navigating the various coasts, islands, bays, and harbors in the Mediterranean, Gulf of Venice, Archipelago, &c. *London*, 1817. 8°.

—— Il pilota practico del mare Mediterraneo...; tradotto dall' inglese sull' ultima edizione del 1817, ed accresciuto di note da G. Libetta. *Napoli*, 1820–21. 3 v. in 2. 8°. (Biblioteca del nav. merc., 3–5.)

United States.—*Hydrographic Office.* Coasts [and islands] of the Mediterranean Sea. Part 1. S. and S.E. coasts of Spain, from Mala Bahia to Cape Creux, Balearic Islands and N. coast of Africa from Ceuta to La Cala. [Translated and compiled by Henry H. Gorringe.] *Washington*, 1875. xxii, 419 p., 34 pl. 8°. (Hydrographic Office Publication no. 37.)

—— —— —— Same. Supplement no. 1. Aug. 12, 1886. 5 p.

—— —— Coasts and islands of the Mediterranean Sea. Part 2. South coast of France; west coast of Italy: Tuscan archipelago: Corsica and Sardinia. By Henry A. Gorringe... [and] Seaton Schroeder. *Washington*, 1878. xv, 604 p., 32 pl. 8°. (Hydrographic Office Publication no. 38.)

—— —— —— Same. Supplement no. 1, Aug. 12, 1886. 7 p.

—— —— Coasts and islands of the Mediterranean Sea. Part 3. Coast of Tunis. Sardinia, Sicily and Malta channels: Lipari Islands, Coast of Sicily; Coasts of Tripoli, Egypt, and Syria. By Henry H. Gorringe [and] Seaton Schroeder. *Washington*, 1879. xvi, 441 p., 34 pl. 8°. (Hydrographic Office Publication no. 42.)

—— —— —— Same. Supplement no. 1, Apr. 17, 1886. 12 p.

—— —— Coasts and islands of the Mediterranean Sea. Part 4. The Gulf of Gioja to Cape Santa Maria di Leuca, South coast of Italy, the Adriatic Sea, Ionian Islands, the coasts of Albania and Greece to Cape Malea, with Cerigo Island, including the Gulfs of Patras and Corinth. By John M. Hawley. *Washington*, 1883. xii, 417 p. 8°. (Hydrographic Office Publication no. 68.)

—— —— —— Same. Supplement no. 1, Mar. 6, 1886. 5 p.

Mexico, Gulf of.

United States.—*Hydrographic Office.* The navigation of the Gulf of Mexico and Caribbean Sea. v. 1. The West India islands, including the Bermuda islands and the Bahama banks. Compiled by F. M. Green. *Washington*, 1877. 8°. (Pub. no. 63.)

—— —— —— Revised and compiled by S. L. Graham and T. E. Sawyer. *Washington*, 1888. 8°. (Pub. no. 86.)

—— —— —— ed. 4. [Revised by R. C. Ray.] *Washington*, 1898. vi, 563 p., 1 map. (Pub. no. 86.)

—— —— The navigation of the Gulf of Mexico and the Caribbean Sea. v. 2. The coast of the mainland from Key West, Florida, U. S., to the Orinoco river, Venezuela, with the adjacent islands, cays, and banks. ed. 3. [Compiled by R. C. Ray.] *Washington: Govt. Prtg. Office*, 1896. vi, 489 p., 1 map. 8°. (U. S. Hydrographic Office Pub. no. 64.)

—— —— —— Supplement, ed. 3. *Washington*, 1897. 14 l. 8°. (Pub no. 64.)

—— —— —— Supplement, no. 1. 1886.

—— —— —— Supplement, no. 2. 1898. 9 l.

Spain.—*Trabajos Hidrograficos, Direccion de.* Derrotero de las islas Antillas, de las costas de tierra firme, y de las del seno Mexicano...*Madrid: La Imprenta Nacional*, 1820. vii, 2 l., 591 p. 2. ed. 8°.

Mexico, West Coast.

United States.—*Hydrographic Office.* The west coast of Mexico and Central America, from the boundary line between the United States and Mexico, to Panama, including the Gulf of California. *Washington: Govt. Prtg. Office*, 1887. 135 p., 1 chart. 8°. (no. 84.)

Netherlands.

Netherlands.—*Marine, Ministerie van.* Beschrijving der nederlandsche kust. *'S-Gravenhage: Gebroeders Van Cleef, prts.*, 1902. vii, 58 p., 5 l., 3 tab. 8°.

—— —— Zeemansgids voor de Nederlandsche Kust. Uitgegeven door het Ministerie van Marine, Afdeeling Hydrographie. *'s-Gravenhage: Ned. Boek-en Steendrukkerij*, 1907. 2 p.l., xi, 198, 85 p., (13) l., 5 pl., 1 map. 8°.

Newfoundland.

La Roncière (Charles Bourel de). Le premier routier-pilote de Terre Neuve (1579). (Bibliothèque de l'Ecole des chartes. v. 65, pp 116–125. *Paris*, 1904.)

Great Britain.—*Hydrographic Office.* The Newfoundland Pilot, comprising also the Strait of Belle Isle, and north-east coast of Labrador. Compiled by Staff Commander W. F. Maxwell...*London: Eyre & Spottiswoode*, 1878. xii, 419 p., 1 map. 8°. (Great Britain. Hydrographic Office.)

—— —— —— ed. 3 [compiled by J. R. H. MacFarlane]. *London*, 1897. xxiv, 790 p., 2 maps. 8°.

United States.—*Hydrographic Office.* Newfoundland and Labrador; the coast and banks of Newfoundland, and the coast of Labrador from Grand Point to the Koksoak River, with the adjacent islands and banks. Compiled by W. W. Gillpatrick and J. Gibson. *Washington*, 1884. 2 p.l., 615 p. 8°. (Pub. no. 73.)

Coast Pilots and Sailing Directions, cont'd.

—— —— —— Newfoundland and Labrador, 1884. Supplement no. 1, corrected to Apr. 1, 1886. By Richard G. Davenport and J. Gibson. *Washington*, 1886. 8°. (Pub. no. 78.)

New Zealand.

Great Britain.—*Hydrographic Office.* The New Zealand Pilot...including also the Chatham islands and the off-lying islands southward of New Zealand. *London*, 1883. xvi, 421 p., 1 l. ed. 2. 8°.

—— Ed. 6. 1891. [Compiled by W. N. Goalen.] xx, 476 p., 1 map.

—— —— Hydrographic Notice, 1895. no. 2. Notice no. 1, relating to New Zealand pilot. ed. 6., 1891. *London: Darling & Son*, 1895. 16 ll. 8°.

North Sea.

Germany.—*Hydrographisches Amt.* Segel-Handbuch für die Nordsee. Th. 1. *Berlin*, 1885. 4°.

Great Britain.—*Hydrographic Office.* North Sea Pilot. Part 1. Shetland and Orkneys. *London*, 1857. viii, 189 p. 8°.

—— —— —— Ed. 2. 1876. xi, 292 p., 1 map.

—— —— —— Ed. 4. 1894. [Compiled by H. S. Penn.] xx, 268 p., 1 map.

—— —— North Sea Pilot. Part 2. North and east coasts of Scotland. *London*, 1868. x, 1 l., 248 p. 8°.

—— —— —— Ed. 5. 1895. [Compiled by J. R. H. MacFarlane.] viii, 384 p., 1 map.

—— —— North Sea Pilot. Part 3. East coast of Scotland. *London*, 1869. Ed. 3. xii p., 1 l., 270 p. 8°.

—— —— —— Ed. 4. 1882. xii p., 1 l., 300 p., 1 map.

—— —— —— Ed. 5. 1889. xiv p., 1 l., 452 p., 1 map.

—— —— —— Ed. 6. 1897. [Compiled by J. J. P. Hitchfield.] xviii. 444 p., 1 map.

—— —— North Sea Pilot. Part 4. Rivers Thames and Medway and the shores of North Sea fram Calais to the Skaw. *London*, 1878. Ed. 3. viii, 317 p., 1 l., 1 map. 8°.

—— —— —— Ed. 4. 1887. viii p., 1 l., 354 p., 1 map.

—— —— The shores of the North Sea from Cape Griz Nez to the Skaw. Compiled by W. W. Petley. *London*, 1892. Ed. 5. xviii, 284 p., 1 map. 8°.

—— —— —— Ed. 5. 1892. Supplement. Corrected to September 15, 1896. 42 l.

Lowtzow (L. v.) Die Nordsee; genaue Beschreibung der Küsten, Wassertiefen, Sandbänke, etc. *Hamburg*, 1857. 12°.

United States.—*Hydrographic Office.* List of lights of the North, Baltic, and White Seas... corrected to Oct., 1877. *Washington: Govt. Prtg. Off.*, 1877. 101, v p. 8°. (U. S. Hydrographic Off. [Pub.] no. 33a ; 5.)

—— Same. Corrected to Dec. 12, 1879. *Washington*, 1879. 8°.

—— Same. Corrected to 1887. *Washington*, 1887. 8°. ([Pub.] no. 74; 5.)

—— —— List of lights of the Atlantic coast of Europe, the English Channel and North Sea. Corrected to September, 1877. *Washington*, 1877. 99, v p. 8°. (Hydrographic Office Publication no. 33.)

—— —— —— corrected to September 20, 1879. 101, v p. 8°.

Norway.

Great Britain.—*Hydrographic Office.* Norway Pilot, part 1. From the Naze to Christiana, thence to the Kattegat. Compiled by Lieut. G. T. Temple. *London*, 1888. xiv, 416 p., 1 map. 2. ed. 8°.

—— —— Norway Pilot, part 2. From the Naze to North Cape; thence to Jacob River. Compiled by Lieut. G. T. Temple. *London*, 1880. x, 1 l., 488 p., 1 map. 8°.

Norway.—*Marine og-Post Departement.* Beskrivelse til Kartet over den Norske Kyst. *Christiana*, 1857–8. 4°.

12 A B. Fra Jomfruland og Kragerö til Christiansand.
13 B. Fra Ekersund til Lindesnæs.

Nova Scotia.

Great Britain.—*Hydrographic Office.* The Nova Scotia pilot. South-east coast, from Mars Head to Cape Canso, including Sable Island. By ... H. W. Bayfield ... *London: Eyre & Spottiswoode*, 1860. 98 p. 8°.

—— —— Sailing directions for the south-east coast of Nova Scotia and Bay of Fundy. Compiled ...by... G. F. McDougall ... *London: Eyre & Spottiswoode*, 1867. x, 1 l., 232 p. 8°.

—— Same. *London: Hydrographic Off.*, 1885. x, 1 l., 256 p., 1 map. 3. ed. 8°.

Pacific Ocean.

Findlay (Alexander George). A directory for the navigation of the Pacific Ocean...Part 2. The islands, etc.,of the Pacific Ocean. *London: R. H. Laurie*, 1851. xxx, 651–1388 p. 8°.

Gayangos (Thomas). Diario de la Navagazn que de orden de S. M. comunicada por el Exmo Sor Dn Manuel de Amat, y Junient, Cavallero del Rl Orden de Sn Genara, y del de Sn Juan, Virrey, Governador, y Capitan General de los Rynos [*sic*] del Peru, y Chile...dado à luz por el Theniente de Navio Dn Thomas Gayangos. 1775. 29 l. f°. Manuscript.

Great Britain.—*Hydrographic Office.* Pacific islands. v. 2–3. *London: Eyre & Spottiswoode*, 1885. 8°.

v. 2. Central groups. Sailing directions for Kermadec, Tonga, Samoa, Union, Phœnix, Ellice, Gilbert, and Marshall Islands.
v. 3. Eastern groups. Sailing directions for the Tubuai, Cook, and Society Islands; Paumotu or Low Archipelago; Marquesas; scattered islands near the equator, and the Sandwich Islands.

—— —— Search for reported dangers in South Pacific to the northward of Fiji and for La Brilliante Shoal and Melanie Rock by H. M. S. "Penguin"...and H. M. S. "Waterwitch"...1895–96. With lists of soundings and temperatures... *London: J. D. Potter, printer*, 1897. 44 p. f°. (Admiralty.)

Jouhan *and* **Hanicle.** Description des principaux endroites de la Mer du Sud depuis les 52 degrez 30 minutes sud, ou est le d'Etroit du Magellan jusqu'au 41 degrez Nord qui est l'isle de

Coast Pilots and Sailing Directions, cont'd.

Californie faite sur les lieux par le sr. Jouhan de la Guilbaudiere. Dressé et dessigné par le sr. Hanicle ingenieur ordinaire du Roy en l'année 1696. 220 p., 35 colored maps. f°. Pigskin. MS.

The Buccaneers' Atlas. There is a description of this MS. in G. Marcel's *Fuegiens à la fin du XVIIe siècle*, Paris, 1892.

Kerhallet (Charles Philippe de). General examination of the Pacific Ocean, followed by nautical directions for avoiding hurricanes... *Washington: Govt. Prtg. Off.*, 1869. xiv, 1 l., 212 p., 3 maps. 8°. (U. S. Hydrographic Off. [Pub. no. 57])

Labrosse (F.) The navigation of the Pacific Ocean, China Seas, etc., translated ... by J. W. Miller. *Washington: Govt. Prtg. Off.*, 1875. ix, 1 l., 360 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 58.)

Pacific Mail Steamship Co. Instructions to captains. *New York: Slote & Janes*, 1874. 1 p.l., 10 p. 8°.

—— Hand-book. *Liverpool*, 1864. 47 p. 8°.

Perler (Domingo). Diario de navegacion, que espera hazer el Capitan de Fragata y comandante del Chambequin de S, M. el Andaluz Dn Domingo Perler del Puerto de Montevideo, â reconozer costa â costa la del S, del cavo de San Antonio hasta el Estrecho de Magallanes, y Islas Maluinas. 1767–68. 22 l. f°.

United States.—*Hydrographic Office.* A list of the reported dangers to navigation in the Pacific Ocean. . *Washington: Govt. Prtg. Off.*, 1866. 191 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 41.)

—— Same. Pt. 1. North of the equator. 1871. 8°.

—— Same. Pt. 2. South of the Equator. 1879. (U. S. Hydrographic Off. [Pub.] no. 41a.)

—— Same. Supplement to 1. ed. 1880. 8°. (U. S. H. O. [Pub.] no. 41b.)

Persian Gulf.

Great Britain.—*Hydrographic Office.* The Persian Gulf Pilot, comprising the Persian Gulf, Gulf of Omán; and Makrau coast. Compiled by Capt. C. G. Constable and Lieut. A. W. Stiffe. *London*, 1883. 1 l., 324 p., 1 map. 2. ed. 8°.

—— —— Ed. 4. 1898. [Compiled by J. Phillips.] xxiv, 332 p., 1 map.

Peruvian Coast.

Garcia y Garcia (Aurelio). Peruvian coast pilot. *New York: Blunt*, 1866. 1 p.l., 112 p., 1 map. 8°.

Philippine Islands.

Correa (Manuel). Description of the coasts, ports, islands, and shoals, with the soundings and marks, on the coast of Luzon; translated by Sir Hyde Parker; revised and originally published by [A.] Dalrymple, 1789. *London*, 1808. 4°; charts, f°.

United States.—*Coast and Geodetic Survey.* Philippine Islands sailing directions. Section 2; Southwest and south coasts of Luzon and adjacent islands. *Manila: Bur. of Pub. Prtg.*, 1904. 59 p. 2. ed. 8°.

—— —— —— Section 3. Coast of Panay, Negros, Cebu and adjacent islands... *Manila*, 1904. 91 p. 2. ed. 8°.

—— —— —— Section iv. Sailing directions for the coasts of Samar and Leyte, and the east coast of Luzon. Bulletin. *Manila: Bureau of Public Printing*, 1903. 63 p. 8°.

—— —— —— Section v. Sailing directions for the coasts of Mindanao and adjacent islands. Bulletin. *Manila: Bureau of Public Printing*, 1903. 61 p. 8°.

—— —— —— Section vi. Sailing directions for Mindoro Strait, Sulu or Jolo sea and Archipelago. Bulletin. *Manila: Bur. of Pub. Prtg.*, 1903. 87 p. 8°.

—— —— —— Section vii. Sailing directions for the coasts of Paragua and adjacent islands. Bulletin. *Manila: Bur. of Pub. Prtg.*, 1903, 114 p. 8°.

Plata, Rio de la.

Riudaveto (Pedro), *and* MIGUEL LOBO. Manual de la navegacion del Rio de la Plata. *Madrid*, 1868. 2. ed. map. 8°.

Two voyages of certaine Englishmen to the river of Plate... together with an exact ruttier and description thereof. [1527] (Hakluyt's Principal Navigations. *London*, 1600. v. 3, pp. 726–730.)

United States.—*Hydrographic Office.* The Rio de la Plata. Compiled by Henry H. Gorringe. *Washington*, 1875. ix, 161 p., 1 map, 3 pl. 8°. (Pub. no. 61.)

Portugal.

See also Atlantic Ocean, East Coast; *and* Spain.

Baldaque de Silva (A. A.) Roteiro maritimo da costa occidental e meridional de Portugal. *Lisboa: Imp. Nacional*, 1889. v. 1. 4°. (Portugal. Marinha e Ultramar, Ministerio da.)

Red Sea.

Great Britain.—*Hydrographic Office.* The Red Sea Pilot. From Suez and Akabah to the straits of Báb-El-Mandeb, and the Arabian coast thence to Aden; also directions for the navigation of the Suez canal. *London*, 1883. 3. ed. viii, 282 p., 1 l., 1 map. 8°.

—— —— The Red Sea and Gulf of Aden Pilot, containing descriptions of the Suez canal, the gulfs of Suez and Akabah, the Red Sea and straight of Bab-el-Mandeb, the gulf of Aden with Sokōtra and adjacent islands, and part of the eastern coast of Arabia. [Compiled by E. H. Hills.] *London*, 1892. 4. ed. xxxii, 564 p., 1 map. 8°.

—— —— Hydrographic notice, 1894. No. 4. Notice no 2., relating to Red Sea and Gulf of Aden pilot. ed. 4., 1892. *London: Darling & Son*, 1894. 7 ll. 8°.

Hood (W. H.) The Red sea. Currents and navigation. (Nautical Maga. *London*, 1899. 8°. v. 68, p. 3–10.)

Kropp (W.) Physical geography of the Red sea; with sailing directions;... translated from the German by E. R. Knorr with... a translation... of a paper issued by the Meteorological Society of the Netherlands; Routes for steamers from Aden to the Straits of Sunda and back. *Washington: Govt. Prtg. Off.*, 1872. 46 pp. 8°. (U. S. Hydrographic Off. [Pub.] no. 39.)

Coast Pilots and Sailing Directions, cont'd.

St. Lawrence, Gulf and River.

Directions for the gulph and river of St. Lawrence, with some occasional remarks. *Philadelphia: W. & T. Bradford*, 1774. 1 p.l., 36 p. 8°.

Great Britain.—*Hydrographic Office.* Sailing directions for the Gulf and River of St. Lawrence. By Henry Wolsey Bayfield. *London*, 1837. viii, 3, 1 l., 276, 3 p., 1 l. 8°.

—— —— —— Ed. 4. 1860. 2 v.

—— —— —— Ed. 5. 1882. [Revised by F. J. E.] 2 v.

Scotland.

Great Britain.—*Hydrographic Office.* Sailing directions for the west coast of Scotland. part I. Hebrides or Western Isles. Compiled... by Cap. Henry C. Otter... *London: G. E. Eyre & W. Spottiswoode*, 1867. viii, 1 l., 190 p. 8°.

—— —— —— Part 2. Cape Wrath to the Mull of Galloway. *London*, 1871. viii, 294 p., 1 l. 8°.

—— —— —— Ed. 2. 1877. Compiled by G. F. McDougall. viii, 352 p., 1 map. 8°.

—— —— Sailing directions for the west coast of Scotland: the Mull of Galloway to Cape Wrath, including the Hebrides or Western Islands. Originally compiled by Henry C. Otter and G. F. McDougall. Ed. 4. 1894. [Compiled by Edward H. Hills.] *London*, 1894. xviii, 806 p. 1 chart. 8°.

—— —— Hydrographic Notice, 1897. no. 3. Notice no. 1., relating to sailing directions for the west coast of Scotland. ed. 4., 1895. *London: Darling & Son*, 1897. 8 ll. 8°.

South America.

Great Britain.—*Hydrographic Office.* South America Pilot. Part 1. East coast of South America, from Cape St. Roque to Cape Virgins, including Falkland, South Georgia, Sandwich and South Shetland Islands; also the north coast from Cape St. Roque to Cape Orange in French Guiana. Compiled by... J. Penn. *London*, 1885. x, 470 p., 2 maps. 3. ed. 8°.

—— —— —— Ed. 3. Supplement. Corrected to October 24, 1890. 30 p.

—— —— —— Ed. 4. 1893. [Compiled by J. J. P. Hitchfield.] xxvi, 560 p., 1 map.

—— —— —— Ed. 4. 1893. Supplement. Corrected to December, 1896. 25 l.

—— —— The South America Pilot. Part 2. From the Rio de le Plata to the Bay of Panama, including Magellan Strait, the Falkland and Galapagos Islands. By Cap. P. P. King and R. Fitzroy. *London*, 1860. x, 472 p. 5. ed. 8°.

Title changes:

—— —— —— Ed. 9. 1895. Magellan Strait, Tierra del Fuego, and west coast of South America, from Cape Virgin (s. e. coast) to Panama Bay, including the Galápagos Islands. [Compiled by J. J. P. Hitchfield.] xxii, 654 p., 1 map.

Lartigue (Joseph). Description de la côte du Pérou et renseignements sur la navigation des côtes occidentales d'Amérique, depuis le Cape Horn jusqu'à Lima. *Paris*, 1827. 8°.

United States.—*Hydrographic Office.* List of lights of North and South America (east and west coasts) corrected to Mar. 1877. *Washington: Govt. Prtg. Office*, 1877. 117, vii p. 8°. ([Pub.] no. 30; 1.)

—— —— —— Same. Corrected to May 15, 1879. *Washington*, 1879. 8°.

—— —— —— Same. Corrected to Oct. 9, 1883. *Washington.*

—— —— The coasts of Chili, Bolivia and Perú. *Washington: Govt. Prtg. Office*, 1876. vi, 2 l. 427 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 59.)

—— —— —— Same. Supplement, no. 1. June 30, 1886. *Washington*, 1886. 8°.

—— —— East coast of South America, from the Orinoco river to Cape Virgins, including Falkland, South Georgia, Sandwich and South Shetland Islands. ed. 2. [compiled by R. C. Ray.] *Washington: Govt. Prtg. Office*, 1894. ix, 492 p. 8°. (U. S. Hydrographic Office. Pub. no. 88.)

—— —— —— Supplement. 1896. 12 l.

—— —— —— Supplement, no. 2. 1898. 5 l.

—— —— The west coast of South America, including Magellan Strait, Tierra del Fuego, and the outlying islands. ed. 2. [revised by R. C. Ray.] *Washington: Govt. Prtg. Office*, 1896. vi, 495 p., 1 map. 8°. (Pub. no. 89.)

—— —— —— Supplement. 1898. 6 l. 8°.

Spain.

Great Britain.—*Hydrographic Office.* Sailing directions for the west coasts of France, Spain and Portugal. From Ushant to Gibraltar. Compiled by...James Penn...*London:* [*Eyre & Spottiswoode*,] 1867. viii, 336 p. 8°.

—— —— Sailing directions for the west coasts of France, Spain and Portugal. From Ushant to Gibraltar Strait, including the African coast from Cape Spartel to Mogador...[Revised by Staff Com. Hitchfield] *London:* [*Eyre & Spottiswoode*] 1881. viii, 396 p., 1 map. 3. ed. 8°.

Tofino de San Miguel (Vincente). Derrotero de las costas de España en el Mediterraneo...para inteligencia y uso de las cartas esfericas...*Madrid: la viuda Ibarra Hijos y Compan.*, 1787. lviii, 1 l., 228 p. 4°.

—— Portulano de las Costas de la Peninsula de España, Islas adyacentes y parte de la costa de Africa. *Cadiz: Direccion Hydrografica*, 1813. 3 l., 59 p. f°.

—— España maritima, or Spanish coasting pilot; containing directions for navigating the coasts and harbours of Spain, in the Atlantic and Mediterranean...with twenty-eight charts and plans, drawn from the Spanish surveys of...V. Tofiño De San Miguel...Translated from the Spanish by J. Dougall. *London: W. Faden*, 1812. 2 p.l., vii, xi, 142 p., 20 maps. sq. 4°.

United States.—*Hydrographic Office.* The northwest and west coast of Spain and the west of Portugal, from Point Estaca to Cape Trafalgar. By George M. Totten. *Washington: Government Printing Office*, 1874. 294 p. 8°. (Publication, no. 52.)

Spanish America.

Derrotas de España à los Indias. [Sailing directions to Spanish America.] 17th century. 18th century transcript. 94 l. f°. Half sheep. Manuscript.

Coast Pilots and Sailing Directions, cont'd.

Sweden.

Sweden.—*Sjökarte-Kontoret.* Underrattelser för sjöfarende af Köngl. Sjökarte - Kontoret. March-Apr., 1868/9. Heft 2. *Stockholm*, 1869. 8°.

Syria.

Smith (E.) Sailing directions for the coast of Syria, from ancient Joppa to the Gulf of Iskenderoon... *London: W. Eden & Co.*, 1840. iv, 5–31 p. 12°.

United States.

Furlong (Lawrence). The American coast pilot...with the latitudes and longitudes of the principal harbours on the coast, together with a tide table...5. ed. xii, 13–408 p., 2 charts, 11 plans. *Newburyport: E. M. Blunt, printer*, 1806. 4°.

Great Britain.—*Hydrographic Office.* Sailing directions for the principal ports on the east coast of the United States of America. *London*, 1874. 4 p.l., 130 p., 1 l., 2 maps. 2. ed. 8°.

United States. — *Light House Board.* Weekly notice to mariners. no. 1–date. 12 Aug. 1904–date. *Washington*, 1904–date. 8°.

Current.

—— —— List of lights and fog signals on the Atlantic and Gulf coasts of the United States. 1845, 1852, 1867, 1872, 1883, 1893, 1902, 1903, 1905, 1907. *Washington*, 1845–1907. 8°.

—— *Hydrographic Office.* Notice to mariners. 1872, no. 64; 1892, no. 45; 1898–date. *Washington*, 1872–date. 8°.

Current. Weekly.

—— *Coast and Geodetic Survey.* Notice to mariners. 1888, no. 108; 1893–date. *Washington*, 1888. 4°.

Current. Monthly.

—— —— Atlantic coast pilot. Eastport to Boston. *Washington: Govt. Prtg. Off.*, 1879. 2 p. l., 630, xxxiv p., 25 maps, 26 pl. 4°.

—— —— Atlantic coast pilot. Boston bay to New York. *Washington : Govt. Prtg. Off.*, 1878. 1 p.l., 589, xiii, xxvi p., 18 charts, 37 pl. 4°.

—— —— United States Coast Pilot. Atlantic coast. Parts 1–2. From the St. Croix river to Cape Ann. *Washington*, 1903. 243, xii p., 3 maps. 2. ed. 4°.

—— —— —— —— Part 3. From Cape Ann to Point Judith. *Washington*, 1903. 199, ix p., 1 diagr., 2 maps. 2. ed. 4°.

—— —— —— —— Part 4. From Point Judith to New York. *Washington*, 1899. 187, viii, p., 1 chart, 1 map. 3. ed. 4°.

—— —— —— —— Ed. 4. 1904. 208 p., 1 chart, 1 map.

—— —— —— —— Part 5. From New York to Chesapeake Bay entrance. *Washington*, 1898. 129, vi p., 1 map, 2 charts. 2. ed. 4°.

—— —— —— —— Supplement. 1901. 13 p.

—— —— —— —— Reprint with supplement. 129 p., 2 charts, 1 map.

—— —— —— —— Ed. 3. 1904. 149 p., 4 maps.

—— —— —— —— Part 6. Chesapeake Bay and tributaries. *Washington*, 1902. 160, viii p., 2 charts. 2. ed. f°.

—— —— —— —— Part 7. From Chesapeake Bay entrance to Key West. *Washington*, 1900. 2. ed. 4°.

—— —— —— —— Ed. 2. Supplement. March 23, 1904. 18 p.

—— —— —— —— Part 8. Gulf of Mexico, from Key West to the Rio Grande. *Washington*, 1901. 174 p., maps. 2. ed. 4°.

—— —— —— —— Supplement. June 1, 1904. 26 l.

—— —— United States Coast Pilot. Pacific coast. Alaska. Pt. 1. *Washington*, 1901. 4. ed. f°, 4°.

—— —— —— —— Same. Supplement. April 1, 1904. 14 l.

—— —— —— California, Oregon, and Washington. *Washington: Govt. Prtg. Office*, 1903, 215, ix p., 6 charts. 4°.

—— *Ordnance Bureau.* Sailing directions from sea to Sandy Hook. May 1855. By Matthew Fontaine Maury. *Philadelphia*, 1855. 8 p., 1 chart. 4°.

Davidson (George). Directory for the Pacific coast of the United States. [*Washington*, 1858] 166 p. 4°. (United States. Coast Survey.)

Dewey (George). Remarks on the coasts of Lower California and Mexico. *Washington: Govt. Prtg. Off.*, 1874. 60 p. 8°. (U. S. Hydrographic Off. [Pub.] no. 56.)

West Indies.

Chauceprat (F. C.) Routier des iles Antilles des côtes de Terre Ferme et celles du golfe du Mexique; pour l'intelligence et l'usage des cartes qu'elle a publiées. Deuxième éd. corrigée et augmentée d'une notice sur les courans de l'ocean Atlantique, traduit de l'Espagnol. *Paris*, 1824. 8°.

Excellent (An) ruttier for the Islands of the West Indies, and for Tierra firma, and Nueva Espanna. [1597.] (Hakluyt's Principal Navigations. *London*, 1600. v. 3, pp. 603–627.)

Gonzales Caranza (Domingo). A geographical description of the coasts, harbours, and sea ports of the Spanish West-Indies; particularly of Porto Bello, Cartagena, and the island of Cuba: with observations of the currents, and the variations of the compass in the Bay of Mexico and the North Sea of America. Translated from a... manuscript, written in Spanish by Domingo Gonzales Carranza ... principal pilot of the Flota in New Spain, Anno 1718; to which is added, an appendix, containing Capt. Parker's own account of his taking the town of Porto Bello, in the year 1601, with an index, and a... chart of the whole, as also plans.. [Edited by Caleb Smith.] *London: the Editor*, 1740. xi, 13–136 p., 4 l., 4 plans. 8°.

Great Britain.—*Hydrographic Office.* The West India Pilot. v 1. From Cape Orange in Brazil to Cape Sable in Florida, with the adjacent islands. [Compiled by C. H. C. Langdon.] *London*, 1893. xxvi, 610 p., 1 map. 5. ed. 8°.

Coast Pilots and Sailing Directions, cont'd.

—— —— Hydrographic notice, no. 2 of 1896, relating to the West India Pilot, vol. 1. ed. 5. 1893. *London: Darling & Son*, 1896. 48 ll. 8°. (Great Britain Hydrographic Dept.)

—— —— —— v. 2. The Caribbean Sea, from Barbados to Cuba; with the Bahama and Bermuda Islands, and Florida Strait. Compiled by Capt. E. Barnett. *London*, 1866. xiv, 1 l., 592 p. 2. ed. 8°.

—— —— —— —— Ed. 4. 1887. [Compiled by J. G. Dathan.] xxviii, 638 p., 1 map.

—— —— —— —— Same. Revised supplement. Corrected to April 27, 1894. 94 p.

Kerhallet (C. P. de). Manuel de la navigation dans la Mer des Antilles et dans le Golfe du Mexique. *Paris*, 1853. 2 v. 8°.

Spain.—*Trabajos Hidrográficos, Direccion de.* Derrotero de las islas Antillas, de las costas de tierra firme, y de las del seno Mexicano... *Madrid: La Imprenta Nacional*, 1820. vii, 2 l., 591 p. 2. ed. 8°.

Speer (J. S.) The West India Pilot, containing piloting directions for Port Royal and the other harbours in Jamaica, the true courses and distances through the windward passages, etc., the whole illustrated with maps and plans, describing the ports and bays, with the true soundings laid down with the utmost exactness. *London*, 1771. f°.

PRINCIPAL ACCESSIONS IN MAY.

Bibliography.

Bube (Wilhelm). Die ländliche Volks-Bibliothek. Ein kritische-Wegweiser und Musterkatalog nebst Zusammen stellungen von billigen Büchern und Heimatbibliotheken von W. Bube. *Berlin: Trowitzsch & Sohn*, 1907. 208 p. 4. ed. 8°.

Vollers (Karl). Katalog der islamischen, christlich-orientalischen, Jüdischen und samaritanischen Handschriften der Universitäts-Bibliothek zu Leipzig... Mit einem Beitrag von J. Leipoldt. *Leipzig: O. Harrassowitz*, 1906. xi, 1 l., 508 p., 1 l. 8°. (Leipzig: Universitäts-Bibliothek. Katalog der Handschriften. [v.] 2.)

Biography.

Anne of Austria, *Queen of France.* Queen and Cardinal. A memoir of Anne of Austria and of her relations with Cardinal Mazarin. By Mrs. Colquhoun Grant. *London: J. Murray*, 1906. xv, 268 p., 1 pl., 5 port. 8°.

Beecher (Lyman). Lyman Beecher. By E. F. Hayward. *Boston: The Pilgrim Press* [1904]. 114 p. 8°.

Burne (*Sir* Owen Tudor). Memories. *London: Edward Arnold*, 1907. ix, 1 l., 343 p., 14 pl., 3 port. 8°.

Cartier (Papineau). Papineau Cartier. By Alfred D. DeCelles. *Toronto: Morang & Co., Ltd.*, 1906. 4 p.l., 136 p., 1 port. 8°. (The Makers of Canada. v. 10.)

Coates family. A genealogy of Moses and Susanna Coates who settled in Pennsylvania in 1717, and their descendants. With brief introductory notes of families of same name. By Truman Coates. [*Oxford, Pa.:*] *The Author*, 1906. 1 p.l., 319 p., 22 pl. 8°.

Clark family. The ancestors of my children and other related children of the generations living in the morning of the twentieth century. By William Copeland Clark. [*Bangor, Me.:*] *The Author's Executors*, 1906. vii (1), (1) 10–215 (1) p., 6 pl., 10 port. 8°.

Dewees family. Genealogical data, biographical facts and historical information collected by Mrs. Philip E. La Munyan. Ellwood Roberts, editor. *Morristown, Pa.: W. H. Roberts.* 1905. 294 p., 2 pl. 23 port. 8°.

Dowie (John Alexander). John Alexander Dowie and the Christian Catholic Apostolic Church in Zion. With an introductory preface by Professor Franklin Johnson. By Rolvix Harlan. *Evansville, Wis.: Robert M. Antes* [cop. 1906]. 3 p.l., ix–xiv, 1 l., 204 p., 1 pl., 2 port. 12°.

Eugenie, *Empress of the French.* The life of the Empress Eugenie. By Jane T. Stoddart. *New York: E. P. Dutton & Co.* [1907.] xv, 310 p., 1 l., 6 ports. 3. ed. 8°.

Foster (Birket). Birket Foster, R. W. S. By H. M. Cundall. *London: Adam and Charles Black*, 1906. xx, 216 p., 87 pl., 4 port. 8°.

Gamage family. Descendants of John Gamage of Ipswich, Mass. By Arabella L. G. Morton. *Worcester, Mass.: C. R. Stobbs*, 1906. 3 p.l., (1) 4–14 p., 2 l., 18–78 f., 3 pl., 8 ports., 2 tab. 8°.

Goldsmith (Oliver). In the days of Goldsmith. By Tudor Jenks. *New York: A. S. Barnes & Co.*, 1907. vii, 1 l., 275 p., 1 port. 12°. (Lives of great writers.)

Haldimand (*Sir* Frederick). Sir Frederick Haldimand. By Jean N. McIlwraith. *Toronto: Morang & Co., Ltd.*, 1906. 4 p.l., 356 p., 1 port. 8°. (The Makers of Canada. v. 6.)

Howe (Joseph). Joseph Howe. By J. W. Longley. *Toronto: Morang & Co., Ltd.*, 1906. 3 p.l., 307 p., 1 port. 8°. (The Makers of America. v. 12.)

Huxley (Thomas Henry). Thomas H. Huxley. By J. R. Ainsworth. *London: J. M. Dent & Co.*, 1907. xi, 288 p., 1 port. 12°. (English men of science.)

Klinger (Max). Max Klinger. Von Paul Kühn. Mit einer Lichtdrucktafel u. 104 Abbildungen. *Leipzig: Breitkopf & Härtel*, 1907. viii, 496 p., 1 pl. 4°.

Lespinasse (Julie de). Julie de Lespinasse. By the Marquis de Ségur. Translated from the French by P. H. Lee Warner. *New York: Henry Holt & Co.*, 1907. xvi, 403 (1) p., 1 port. 8°.

Linn family. A history of a fragment of the clan Linn and a genealogy of the Linn and related families. By George Wilds Linn. [*Lebanon, Pa.: Report Print,*] 1905. 204 p., 7 l., 3 port. 8°.

Louis XV., *King of France.* The real Louis the Fifteenth... With 34... portraits, including 2 photogravure plates. By Andrew C. P. Haggard. *London: Hutchinson & Co.*, 1906. 2 v. 8°.

Lowell (Charles Russell). Life and letters of Charles Russell Lowell, Captain Sixth U. S. Cavalry, Colonel Second Massachusetts Cavalry, Brigadier General U. S. Volunteers. By Edward W. Emerson. *Boston: Houghton, Mifflin & Co.*, 1907. viii, 3 l., 499 (1) p., 1 map, 2 pl., 3 port. 12°.

Magellan (Ferdinand). Ferdinand Magellan. By Frederick A. Ober. *New York: Harper & Bros.*, 1907. 5 p.l., 300 p., 1 l., 7 pl., 1 port. 12°. (Heroes of American History.)

Montague (Elizabeth Robinson). Mrs. Montagu and her friends. 1720–1800. A sketch. By R. Huchon. *London: John Murray*, 1907. vii, 2 l., 301 p., 1 l., 2 port. 12°.

Morris (Gouverneur). Gouverneur Morris. Un témoin américain de la Révolution Française. Par A. Esmein. *Paris: Hachette & Cie.*, 1906. 3 p.l., (1) 4–386 p. 12°.

FOUCHÉ (Joseph). Mémoires sur Fouché, ministre de la police de Napoléon I. Illustrés d'estampes et tableaux des plus grands artistes du XVIIIe siècle. Introduction et notes de MM. Maurice Vitrac et Arnould Galopin. *Paris: A. Fayard* [190–?]. 148 p. 8°.

O'CONNELL (Daniel). The life of Daniel O'Connell. With a portrait frontispiece. By Michael MacDonah. *London: Cassell & Co.*, 1903. xx, 426 p., 1 port. 8°.

PASCAL et son temps. Par Fortunat Strowski. Part. 1. *Paris: Plon-Nourrit et Cie.*, 1907. 12°. (Histoire du sentiment religieux en France au XVIIe siècle.)

PIGOTT (Richard). The crime of the century, being the life story of Richard Pigott. By Dick Donovan. *London: J. Long* [1904]. 319 (1) p. 12°.

POE (Edgar Allan). Edgar Allan Poe. The man: the master: the martyr. By Oliver Leigh (Geoffrey Quarles). *Chicago: The Frank M. Morris Co.*, 1906. 2 p.l., (1) 4–78 p., 1 l., 5 ports. sq. 12°. (The dilettante series. [v.] 1.)

POWELL (Frederick York). A life and a selection from his letters and occasional writings. By Oliver Elton. *Oxford: The Clarendon Press*, 1906. 2 v. facsim., port. 8°.

RIVERS (William J.) William J. Rivers: a sketch prepared by A. S. Salley, Jr., to commemorate the presentation of a portrait (painted by John Stolle, of Dresden) of Prof. Rivers to the Charleston Library Society by Hon. William A. Courtney [*Charleston:*] *The State Co.*, 1906. 9 p., 1 port, 8°.

RYERSON (Egerton). Egerton Ryerson. By Nathaniel Burwash. *Toronto: Morang & Co., Ltd.*, 1906. 5 p.l., 303 p., 1 port. 8°. (The Makers of Canada. v. 13.)

SIMCOE (John Graves). John Graves Simcoe. By Duncan Campbell Scott. *Toronto: Morang & Co., Ltd.*, 1906. 4 p.l., 241 p., 1 port. 8°. (The Makers of Canada. v. 7.)

SMITH (Rodney). Gipsy Smith: his life and work, by himself. Introductions by G. Campbell Morgan and Alexander McLaren. *New York: F. H. Revell Co.*, 1906. 4 p.l., (1) 6–330 p., 7 pl., 9 port. [4. ed.] 8°.

STURLA the Historian. Delivered in the schools, Oxford, November, 1906. By William Paton Ker. *Oxford: The Clarendon Press*, 1906. 24 p. 8°. (The Romanes lecture, 1906.)

TALLEYRAND. A biographical study. By Joseph McCabe. *London: Hutchinson & Co.*, 1906. 6 p.l., 373, vi p., 25 port. 8°.

THOMPSON family. Our Thompson family in Maine, New Hampshire and the West. By Rev. Charles N. Sinnett. *Concord, N. H.: Rumford Prtg. Co.*, 1907. 293 p., 11 pl., 6 port. 8°.

THOREAU (Henry David). The first and last journeys of Thoreau... Edited by Franklin Benjamin Sanborn. *Boston: The Bibliophile Society*, 1905. 2 v. 8°.

TOPLIFF family. Clement Topliff and his descendants in Boston. By Ethel Stanwood Bolton. *Boston: Privately printed*, 1906. 3 p.l., 56 p., 1 facsim., 1 pl. 8°.

VESPUCCI (Amerigo). Amerigo Vespucci. By F. A. Ober. *New York: Harper & Brothers*, 1907. 5 p.l., 258 p., 4 maps, 2 port. 12°. (Heroes of American history.)

AMERICA.

Bek (William G.) The German Settlement Society of Philadelphia, and its colony, Herman, Missouri. *Philadelphia: Americana Germanica Press*, 1907. xi, 170 p., 1 chart, 3 facsim., 1 plan, 12 pl., 1 port. 4°. (Americana Germanica. New series. [v.] 5.)

Brady (Cyrus Townsend). The conquest of the Southwest. The story of a great spoliation. *New York: D. Appleton & Co.*, 1905. xiii, 1 l., 3–293 p., 8 maps, 1 plan, 9 pl., 3 port. 12°.

Calhoun (Newell Meeker). Litchfield County sketches. *Litchfield County University Club*, 1906. 177 p., 1 map. illus. 8°.

Casler (Nelie Horton). Cape Vincent and its history. Compiled by Nelie Horton Casler. *Watertown, N. Y: Hungerford-Holbrook Co.*, 1906. 240 p. illus. 8°.

Craven (*Rev.* Charles Edmiston). A history of Mattituck, Long Island, N. Y. [*Mattituck:*] *For the author* [cop. 1906]. 400 p., 1 map. illus. 8°.

Delebecque (J.) A travers l'Amérique du Sud. Avec... cartes. *Paris: Plon-Nourrit et Cie.*, 1907. 2 p.l., vii, 318 p., 1 l., 3 maps, 15 pl. 12°.

Dinsmore (John Walker). The Scotch-Irish in America: their history, traits, institutions and influences: especially as illustrated in the early settlers of western Pennsylvania and their descendants. *Chicago: The Winona Pub. Co.* [cop. 1906] 1 p.l., iv, 257 p. 12°.

Nichols (Isaac T.) Historic days in Cumberland county, New Jersey, 1855–1865. [*Bridgeton: The author*, 1907.] 257 p., 1 pl. illus. 4°.

Nugent (*Lady* Maria). Lady Nugent's journal. Jamaica one hundred years ago... Edited by Frank Cundall. *London: Adam and Charles Black*, 1907. lvi, 404 p., 2 maps, 1 pl., 6 port. 8°.

Pryor (*Mrs.* Sara Agnes). The birth of the nation, Jamestown, 1607. By Mrs. Roger A. Pryor... Illustrations by William De Leftwich Dodge. *New York: Macmillan Co.*, 1907. xvi, 1 l., 352 p., 18 pl., 6 port. 12°.

Templeton, *Mass.* Vital records of Templeton, Massachusetts, to the end of the year 1849. *Worcester, Mass.: Franklin P. Rice*, 1907. 212 p. 8°. (Systematic History Fund.)

Williamstown, *Mass.* Vital records of Williamstown, Massachusetts, to the year 1850. *Boston: New Eng. Historic Genealog. Society*, 1907. vi, 1 l., 9–173 p. 8°.

EUROPE.

Basses-Pyrénées. Dictionnaire biographique et album. *Paris: E. Flammarion* [1906]. vii, 523 p., 1 l., 67 pl., 112 port. 8°. (Les Dictionnaires départementaux.)

Berens (Lewis H.) The Digger movement in the days of the commonwealth, as revealed in the writings of Gerrard Winstanley, the Digger... *London: Simpkin, Marshall, Hamilton, Kent & Co., Ltd.*, 1906. 2 p.l., ii, 259 (1) p. 8°.

Chadwick (H. Munro). The origin of the English nation. *Cambridge: University Press*, 1907. vi, 1 l., 351 p. 8°. (Cambridge archæological and ethnological series.)

Chrétien (Henri). *De l'organisation du Conseil municipal de Paris. *Paris: V. Giard & E. Brière*, 1906. 2 p.l., 235 p. 8°. (Université de Paris. Faculté de droit.)

Hasse (Ernst). Die Zukunft des deutschen Volkstums. *München: J. F. Lehmann*, 1907. 2 p.l., 190 p. 8°. (Deutsche Politik. Bd. 1., Hft. 4.)

Langlois ( ). La Belgique et la Hollande devant le pangermanisme. *Paris: Berger-Levrault & Cie.*, 1906. vi, 105 p., 1 l., 1 map. 12°.

Mikes (Kelemen). Zagoni Mikes Kelemen Törökországi levelei. A Magy. kir. kormány támogatásával, II Rákóczi Ferencz hamvainak hazaszállitása alkalmából készült emlékkiadás. *Budapest: Franklin Társulat*, 1906. lxxx, 1 l., 233 p., 2 facsim., 39 pl. f°.

Miller (Hagbert). Unionsperioden og Norges Gjenneisning. Overblik over Norges politiske Historie, samt Forholdet til Sverige, fra 1814 til 1906. Med Bidrag af C. Hanson. *Chicago: J. S. Ziegler & Co.*, 1906. 489 p., 2 pl., 1 port. illus. 8°.

Africa.

Chantre (Ernest). Recherches anthropologiques dans l'Afrique orientale. Égypte. *Lyon: A. Rey & Cie.*, 1904. xviii, 318 p. illus. f°.

Duff (H. L.) Nyasaland under the foreign office. *London: George Bell and Sons*, 1906. xxxii, 422 p., 1 map, 14 pl., 3 port. 2. ed. 8°.

Fuelleborn (Friedrich). Das deutsche Njassa- und Ruwuma-Gebiet, Land und Leute, nebst Bemerkungen über die Schire-Länder. Mit Benutzung von Ergebnissen der Njassa- und Kingagebirgs-Expedition der Hermann und Elise geb. Heckmann Wentzel-Stiftung. [With Atlas.] *Berlin: D. Reimer*, 1906. 2 v. 4° and f°. (Deutsch-Ost-Afrika. Bd. 9.)

Johnson (J. P.) The stone implements of South Africa. With 258 illustrations. *London: Longmans, Green & Co.*, 1907. 2 p.l., 53 p. 8°.

Leonard (Arthur Glyn). The lower Niger and its tribes. *London: Macmillan & Co.*, 1906. xxii, 564 p., 1 map. 8°.

Massignon (Louis). Le Maroc dans les premières années du XVI. siècle. Tableau géographique d'après Léon l'Africain. Préface de L. G. Binger. *Alger: Adolphe Jourdan*, 1906. xvi, 305 (1) p. 4°. (Société historique algérienne. Mémoires. v. 1.)

Morel (Edmund Deville). Red rubber. The story of the rubber slave trade flourishing on the Congo in the year of grace 1906. With an introduction by Sir Harry H. Johnston. *London: T. Fisher Unwin*, 1907. xxxi, 213 (1) p., 2 maps. 2. ed. 8°.

Petrie (William Matthew Flinders), *and* J. Garrow Duncan. Hyksos and Israelite cities, by W. M. Flinders Petrie...with chapters by J. Garrow Duncan. *London: Office of School of Archæology, University College*, 1906. vi, 1 l., 56 p., 40 pl. f°. (Egyptian Research Account Publications. no. 12. 1906.)

Strang (Herbert). Samba. A story of the rubber slaves of the Congo. Illustrated by William Rainey. *London: Hodder & Stoughton* [cop. 1906]. xli, 342 p., 8 pl. 8°.

Thomson (Arthur), *and* D. Randall-MacIver. The ancient races of the Thebaid. Being an anthropometrical study of the inhabitants of Upper Egypt from the earliest prehistoric times to the Mohammedan Conquest, based upon the examination of over 1500 crania. *Oxford: The Clarendon Press*, 1905. 2 p.l., 142 p., 2 charts, 6 diag., 6 pl., 10 tab. f°.

Werner (A.) The natives of British Central Africa. *London: Archibald Constable & Co.*, 1906. 1 p.l., xii, 303 p., 1 map, 32 pl. 8°. (The Native Races of the British Empire.)

Asia, Australia, and Pacific Islands.

Barry (Richard). The events man; being an account of Stanley Washburn, American war correspondent [in the Russo-Japanese war]. *New York: Moffat, Yard & Co.*, 1907. 294 p., 1 port. 8°.

Campbell (*Rev.* William). Formosa under the Dutch described from contemporary records, with explanatory notes and a bibliography of the island. *London: Kegan Paul, Trench, Trübner & Co., Ltd.*, 1903. xiv, 1 l., 629 p. 8°.

Canons (Les) et les résolutions canoniques de Rabboula, Jean de Tella, Cyriaque d'Amid, Jacques d'Edesse, Georges des Arabes, Cyriaque d'Antioche, Jeann III, Théodose d'Antioche et des Perses. Traduits pour la première fois en français par F. Nau. *Paris: P. Lethielleux*, 1906. vii, 111 (1) p. 8°.

Crooke (W.) Natives of Northern India... With 32 illustrations. *London: A. Constable & Co., Ltd.*, 1907. xiv, 270 p., 1 map., 23 pl., 9 port. 8°. (The native races of the British Empire.)

Dalton (Ormond Maddock). Franks bequest. The treasure of the Oxus, with other objects from ancient Persia and India. Bequeathed to the trustees of the British Museum by Sir Augustus Wallaston Franks. *London: the trustees*, 1905. xi (1), 137 p., 1 l., 29 pl. 4°.

Diguet (E.) Les Annamites. Société—coutumes, religions. Ouvrage dédié à M. le Général Famin. *Paris: A. Challamel*, 1906. 4 p.l., 11–367 p., 1 port. 4°.

Dinh Thai Son. Truyên doi xua in lân thir hai. Fables et légendes annamites encore inédites publiées par Dinh Thai Son. *Saigon: Imprimerie Nam-Tai*, 1906. 3 p.l., 110 p. 12°.

Gaedkel ( ), *Oberst.* Japans Krieg und Sieg. Politischmilitärische Beschriebung des russisch-japanischen Krieges 1904–1905. Mit... Vollbildern. *Berlin: A. Schall* [1907]. 2 p.l., 347 (1) p., 8 maps, 25 pl., 2 port. f°.

Hegen (B.) Kopf- und Gesichtstypen ostasiatischer und melanesischer Völker...Hrsg. mit Unterstützung der Kgl. bayrischen Akademie der Wissenschaften. Atlas mit 50 Doppeltafeln... mit Einleitung und erklärenden Text. *Stuttgart: F. Lehmann Verlag*, 1906. 4 p.l., xiv, 44 col., 50 l., 50 pl. ob. f°.

Hershey (Amos Shartle). The international law and diplomacy of the Russo-Japanese War. *New York: The Macmillan Co.*, 1906. xii, 394 p. 8°.

Before Port Arthur in a destroyer, the personal diary of a Japanese naval officer [Hesibo Tikovara], translated from the Spanish edition by Captain R. Grant, D.S.O. Rifle Brigade. *London: John Murray*, 1907. 4 p.l., 243 p., 1 map, 11 pl., 1 port. 8°.

Hilprecht (Hermann Volrath). The excavations in Assyria and Babylonia. *Philadelphia:* [*The University*,] 1904. 4 p.l., xi–xx, 577 p., 1 map, 36 pl. 8°. (Univ. of Pa. The Babylonian expedition of the Univ. Ser. II: Researches and treatises. v. 1.)

James (David H.) The siege of Port Arthur. Records of an eye-witness. With maps and plans. *London: T. Fisher Unwin*, 1905. xii, 308 p., 2 maps, 2 plans, 16 pl. 8°.

Lau (Robert Julius). Old Babylonian temple records. *New York: The Columbia Univ. Press*, 1906. xi, 89 p., 1 l., 41 p., 1 l., 35 pl. 4°. Columbia University Oriental Studies. Vol. iii.)

Schiff collection.

Maurel (Gabriel). *Histoire des relations de la France et du Siam. [*Paris*, 1907.] 76 p., 2 l. 8°.

Milloué (L[éon] de). Bod-Youl ou Tibet (Le paradis des moines). *Paris: E. Leroux*, 1906. 2 p.l., ii, 304 p., 5 pl. 8°. (Musée Guimet. Annales. Bibliothèque d'études. v. 12.)

Morga (Antonio de). History of the Philippine Islands from their discovery by Magellan in 1521 to the beginning of the XVII century; with descriptions of Japan, China and adjacent countries. . . . Completely translated into English, edited and annotated by E. H. Blair and J. A. Robertson. With facsimiles. *Cleveland, O.: The A. H. Clark Co.*, 1907. 2 v. 8°.

Mukaddasi (Abū 'Abd Allah Muhammad ibn Ahmad al-). Descriptio imperii Moslemici...Auctore Al-Moquaddasi... Edidit M. J. de Goeje. *Lugduni Batavorum: E. J. Brill*, 1906. vii, 498 p., 1 l. 2. ed. 8°. (Bibliotheca Geographorum Arabicorum. Pars 3.)

Pasquier (Pierre). L'Annam d'autrefois. Essai sur la constitution de l'Annam avant l'intervention française. *Paris: Challamel*, 1907. 338 p., 1 l. 12°.

Penfield (Frederic Courtland). East of Suez. Ceylon, India, China and Japan. *New York: The Century Co.*, 1907. xvii, 349 p., 1 pl. illus. 8°.

Prásek (Justin V.) Geschichte der Meder und Perser bis zur makedonischen Eroberung. Bd. 1. *Gotha: F. A. Perthes Aktiengesellschaft*, 1906. 1 v. 8°. (Handbüchen der alten Geschichte. Ser. 1, Abt. 5.)

Ranke (Hermann). Early Babylonian personal names from the published tablets of the so-called Hammurabi dynasty (B. C. 2000). *Philadelphia: The University*, 1905. xiii (1), 255 p. 8°. (Univ. of Pa. The Babylonian expedition of the Univ. Ser. D.: Researches and treatises. v. 3.)

Robinson (David M.) Ancient Sinope. An historical account with a prosopographia sinopensis and an appendix of inscriptions. *Baltimore: The Johns Hopkins Press*, 1906. 1 p.l., 125–333 p. 8°.

Sayce (*Rev.* Archibald Henry). The archæology of cuneiform inscriptions. *London: Society for Promoting Christian Knowledge*, 1907. vi, 7–220 p., 2 maps, 14 pl. 8°.

Scott (*Sir* J. George). Burma. A handbook of practical information. With...illustrations by the author. [*London:*] *Alexander Moring, Ltd.*, 1906. x, 520 p., 1 map, 62 pl., 1 tab. 12°.

Thompson (R. Campbell). Late Babylonian letters, transliterations and translations of a series of letters written in Babylonian cuneiform, chiefly during the reigns of Nabonidus, Cyrus, Cambyses and Darius. *London: Luzac & Co.*, 1906. xxxvi, 226 p., 1 pl. 8°. (Luzac's Semitic Text and Translation Series. v. 17.)

Thrum (Thomas G.) Hawaiian folk tales. A collection of native legends. With...illustrations. *Chicago: A. C. McClurg & Co.*, 1907. xi, 1 l., 15–284 p., 14 pl., 2 port. 8°.

Weale (B. L. Putnam). Indiscreet letters from Peking. Being the notes of an eye-witness, which set forth in some detail, from day to day, the real story of the siege and sack of a distressed capital in 1900...Edited by B. L. Putnam Weale. *New York: Dodd, Mead & Co.*, 1907. vii, 447 p., 1 plan, 1 pl. 8°.

Art.

Bahr (Hermann). Grotesken. Der Klub der Erlöser. Der Faun. Die tiefe Natur. *Wien: C. Konegen*, 1907. 2 p.l., 264 p. 12°.

Claremont (Leopold). The gem-cutter's craft. *London: G. Bell & Sons*, 1906. xv (1), 296 p. 8°.

Clausen (George). Aims and ideals in art. Eight lectures delivered to the students of the Royal Academy. *London: Methuen & Co.* [1906] x, 185 (1) p., 32 pl., 1 port. 8°.

—— Six lectures on painting. Delivered to the students of the Royal Academy of Arts in London ...1904. *London: Methuen & Co.*, 1906. viii, 134 p., 19 pl. 3. ed. 8°.

Clercq (Louis Constantin Henri François Xavier). Collection de Clercq. Catalogue publié par les soins de l'Académie des Inscriptions et Belles-Lettres et sous la direction de MM. de Vogué, E. Babelon [et] E. Pattier. Tome 3–4. *Paris: E. Leroux*, 1905–6. 2 v. f°.

T. 3. Les bronzes par A. de Ridder. Ouvrage accompagné de heliogravures par P. Dujardin et . . . planches . . . par J. Devillard.

T. 4. Les marbres, les vases peints et les ivories par A. de Ridder.

Hittenkofer (M.) Architektonisches Formenlehre, Zweite gänzlich neugestaltete Auflage aus Hittenkofer's "Architektonische Formenlehre" hrsg. von E. Bischoff und F. S. Meyer. Mit 80 Tafeln, 2 Farbendrucken und erklärendem Text. *Leipzig: C. Scholtze* [1907]. 2 p.l., 42 p., 1 l., 82 pl. f°.

Jackson (F. Hamilton). Mural painting. With illustrations from photographs. *London: Sands & Co.*, 1904, xviii, 180 p., 39 pl. 8°. (Handbook for the designer and craftsman.)

Marçais (Georges). L'art en Algérie. *Alger: Imprimerie Algerienne*, 1906. 166 p., 12 pl. 8°. (Algeria.)

Murphy (Bailey Scott). English and Scottish wrought ironwork. A series of examples of English ironwork of the best periods, together with most of the examples now existing in Scotland, with descriptive text. 68 plates of measured drawings. *London: B. T. Batsford*, 1904. 7 p.l., 14 p., 68 plans, 12 pl. f°.

PRINCIPAL DONORS IN MAY.

	VOLS.	PMS.
American Agriculturist	22	122
Am. Mon. Review of Reviews.	178	44
Australia, Parliament	1	15
Benjamins, I.		20
Bowker, R. R.	29	56
Brooks Brothers	26	
Bryant, Dr. W. Sohier		13
Bruno, Miss C.	104	
California Promotion Comm.		100
Canada, Dept. of Railways and Canals	4	
Canada, Geological Survey	11	14
Canada, Parliament	4	
Carnegie Lib. of Pittsburgh.	3	
Columbia Historical Society.	2	
Croydon, Eng., Town Clerk.		5
Draper, Mrs. Henry (3 prints)	15	12
Fielde, Miss Adele M.	3	
France, Consul General at New York	33	
Gregg Publishing Co.	2	4
Howland, Mrs. Eliza Woolsey	21	
Hungary, Central Statistical Office	6	
Iceland, Landsbókasafn	1	18
Idaho, State Veterinary Surgeon		6
Illinois, State Civil Service Commission	1	1
Illinois, State Highway Commission	3	
India, Bengal Province	3	7
India, Bombay Province.	2	5
Innsbruck, K. K. Univ.-Bibliothek		3
Internat. Soc. of Sculptors, &c.	1	2
Irving, Cortlandt	113	7
Ist.-Filolog. Inst. kn. Bezborodko.	3	
Italy, Min. of Finance	8	
Jaffray, Robert	35	
Johnstown, Water Commissioners		9
Kansas, Live Stock Sanitary Commissioner		5
Knortz, Prof. Karl	14	7
Knox, Mrs. C. H.	10	
Krüppsche Bücherhalle		1
Kungl. Biblioteket, Sweden.	3	
Lake Forest College, Ill.	3	
Leicester, Mass., Town Clerk.	12	
Leominster, Mass., Town Clerk	1	
Library of Congress	3	
Louisiana, Crop Pest Comm.		3
Louvain, Le Bourgmestre	6	
Lowell, Miss C. R.	2	85
Manitoba, Provinicial Lib.	1	
Manual of Statistics Co.	1	
Michigan, State Highway Dept.	1	
Miller, Wilhelm	17	1600
Morrison, George Austin, Jr.	10	
New York State, Railroad Commissioners	6	
New York State Library	3	
North Dakota, Agricultural College	4	
Paullin, Charles Oscar		17
Penn. State Library	13	19
Philadelphia & Reading Railway Co.	1	13
Publishers' Weekly	208	265
Roma, Italy, The Mayor	6	
Root, Elihu	11	
Russia, Min. of Public Instruction	1	
Schuyler, Mrs. Gertrude King	69	
Scientific American	24	242
Smithsonian Institution	4	15
Sociedad Cientifica, Mexico.		6
Spain, Biblioteca Nacional.	1	
Stoeckel, Rudolph E.	7	
Sweden, Bur. Cen. de Statistique	2	8
Switzerland, Bur. de Statistique.	4	1
Taylor, G. H.	1	17
U. S. Naval War College	2	8
U. S. Surgeon-Gen. Office	35	83
University of Illinois		14
Waco, Texas, Public Library		4
Wallace, W. W.	1	
Washington, Railroad Commission	4	1
Washington State Library	5	
Weston, Theodore		6
Wyoming, State Dairy, Food and Oil Comm.		4

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

LIBRARY
JUL 24 1907
UNIVERSITY OF TORONTO

JULY 1907

VOLUME XI · NUMBER 7

REPORT FOR JUNE 295–298
LIST OF WORKS RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, ETC. PART II. 299–345
PRINCIPAL ACCESSIONS IN JUNE 346–351
PRINCIPAL DONORS IN JUNE 352

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. JULY, 1907. No. 7.

REPORT FOR JUNE.

REFERENCE DEPARTMENT.

During the month of June there were received at the Library by purchase, 1,386 volumes and 726 pamphlets; by gift, 1,059 volumes and 2,308 pamphlets, making a total of 2,445 volumes and 3,034 pamphlets.

There were catalogued 4,545 volumes and 1,552 pamphlets; the number of cards written was 8,062, and of slips for the copying machine 1,790; from the latter were received 10,543 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	3,807	10,565	2,279	12,844	16,651
No. of readers	1,679	10,565	2,279	12,844	14,523
No. of readers, desk applicants	1,046	10,918	2,305	13,223	14,269
No. of volumes consulted by desk applicants	6,783	56,441	4,660	61,101	67,884
Daily average of readers	77	422	93	515	592
No. of visitors to Print Exhibition, etc.	2,075				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Clemens' "Christian Science," Dana's "How to Know the Wild Flowers"; (adult fiction): Nicholson's "Port of Missing Men," Thurston's "Mystics," Williamson's "Princess Virginia"; (juvenile fiction): Lang's "Fairy Books," Houston's "Young Prospector," Barbour's "Crimson Sweater."

CIRCULATION STATISTICS FOR JUNE.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	9,747	1,906	223	1,947	1,947	1,310
East Broadway, 197	18,760	2,000	487			1,094
Rivington Street, 61	16,317	7,267	378	12,124	13,684	494
Le Roy Street, 66	6,800	1,582	124	1,265	2,644	211
Bond Street, 49	7,630	781	140	2,646	3,922	836
8th Street. 135 Second Avenue	14,736	1,403	271	2,558	2,848	562
10th Street, 331 East	15,527	2,912	294	3,141	3,356	818
13th Street, 251 West	7,064	1,200	88	1,107	1,145	410
23d Street, 228 East						3,265
23d Street, 209 West	10,493	3,675	192			316
34th Street, 215 East	6,092	1,473	64			541
40th Street, 501 West	3,007		31			146
42d Street, 226 West	8,887	497	150			746
50th Street, 123 East	5,282	753	138	283	372	47
51st Street, 463 West	4,629	144	89	284	538	182
58th Street, 121 East	11,610	1,486	442	1,526	1,526	375
67th Street, 328 East	9,956	686	165	394	1,299	207
69th Street. 190 Amsterdam Avenue	9,600	595	147	2,318	3,363	302
Travelling Libraries	78,593					616
77th Street. 1465 Avenue A	11,116	129	160	519	2,377	409
79th Street, 222 East	17,123	1,901	230	2,505	4,159	734
81st Street. 444 Amsterdam Avenue	12,762	1,475	124	1,927	2,933	295
Blind Library	1,014		19			227
96th Street, 112 East	19,980	1,752	352	1,279	3,058	487
100th Street, 206 West	14,641	2,801	210	1,523	1,801	399
110th Street, 174 East	15,286	4,598	225	1,720	3,817	466
123d Street, 32 West	7,476	275	202	1,303	1,414	480
125th Street, 224 East	8,894	918	115	487	654	344
135th Street, 103 West	16,377	1,113	261	1,147	2,565	219
145th Street, 503 West	13,337	1,003	308	1,641	2,715	272
156th Street. 922 St. Nicholas Avenue	7,065	1,852	124			193
BRONX.						
140th Street and Alexander Avenue	17,278	652	326	1,473	3,708	267
176th Street and Washington Avenue	15,843	278	257	692	1,617	299
Kingsbridge Avenue, 3041	2,070	1,812	24			93
RICHMOND.						
St. George	285	36	168	77	131	8,155
Port Richmond	5,133	285	54	436	751	97
Stapleton	1,984	692	766	8	8	4,967
Tottenville	2,093	571	29			169
TOTALS	434,487	50,503	7,377	46,330	67,852	31,050

Gifts of the month worthy of mention came from the following: John L. Cadwalader, 8 volumes, Minutes of the Common Council of the City of New York, 1675–1776, New York, 1905; from the Central and South American Telegraph Co., 17 volumes and 45 pamphlets, recent public documents of San Salvador and Guatemala; from Mrs. Henry Draper, 3 volumes and 13 pamphlets, including "The Romance of Mary W. Shelley, John Howard Payne and Washington Irving," and unpublished poems by Bryant and Thoreau, "Musings" by William C. Bryant and "Godfrey of Boulogne" by Henry D. Thoreau, the three being publications of the Bibliophile Society, 1907; from the City of Florence, 13 volumes and 2 pamphlets, municipal documents; from the Foreign Missions Library, 133 volumes and 198 pamphlets, magazines and government documents; from H. G. Freidman, 13 volumes and 16 pamphlets, Massachusetts state documents; from Mrs. E. D. French, 85 volumes and 320 pamphlets, works relating chiefly to Esperanto, Volapük and other universal languages; from the Imperial Society of Lovers of the Ancient Written Language, St. Petersburg, 4 volumes and 18 pamphlets in Russian, memorials of the society, etc.; from the Province of Quebec, 55 volumes, Sessional papers and documents of departments; from the Russian Minister of Public Instruction, 123 volumes of the "Zhurnal"; from Mrs. Philip Schuyler, 15 volumes and 17 pamphlets; from the Société Marie pour le Bien des Aveugles en Russie, 82 volumes and 9 pamphlets, publications and reports of the society, with a miscellaneous collection of Russian works relating to the blind, one printed in raised type; and from Prof. Ranieri Vilanova, 58 volumes and 66 pamphlets, a miscellaneous collection of modern French and Spanish history and drama, also a large number of musical pieces; from Henry Freudenthal, 23 volumes and 101 pamphlets, proceedings, etc., of the United Ancient Order of Druids, which, with earlier gifts from him, make a collection of about 200 pieces relating to this Order now in the Library.

At the Lenox Branch the exhibition of American work was replaced on June 7 by an exhibition of etchings, lithographs, and other prints by contemporary German artists, a large proportion of the last two being in color, the whole including interesting examples of technical dexterity and experiment. The "Künstlerbund Karlsruhe" is represented, and there is also a display of commercial work. At the Astor the display of Martin's "Oriental Carpets" was replaced on June 12 by plates from H. S. Williams' "History of the Art of Writing."

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows; East Broadway, Birthdays of celebrated men and women, Books on Japan, Flowers and plants, Stories of children for grown-ups: Rivington Street, Out of doors; Hudson Park, Knights of the Round Table, Good times in the Country, Automobiles; Bond Street, Children's hour; Tompkins Square, Boating, Best books, Heroines of fiction; Muhlenberg, Vacation books for children; 67th Street, Vacation days, Cotton, Hiawatha, North American Indians, Stories of the Revolutionary War; Riverside, Summertime, Country homes; Yorkville, Summer reading; St. Agnes, Sea tales; 96th Street, Out of doors in June; Bloomingdale, Butterflies, Robert Louis Stevenson, Flags; Aguilar, Panama Canal; 125th Street, Patriotism, Country guides, European guides, camping; Mott Haven, Naval Stories, Books for boys, Books

for girls; TREMONT, Birds, Paintings in Metropolitan Museum, Animals of Australia, Maoris; PORT RICHMOND, Vacation; TOTTENVILLE, Ships and ship building.

In addition there were bulletins on Flag Day at eleven branches, on Independence Day at nine branches, on new books at four branches, and on sports at two branches.

Two new circulation branches were opened in June, both in the Borough of Richmond, the Stapleton branch on Monday, June 17, at 3:30 p.m., and the ST. GEORGE branch on Wednesday, June 26, at 3:30 p.m.

At the STAPLETON opening Hon. George Cromwell, President of the Borough of Richmond, presided, as designated representative of the Mayor. Addresses were made by Dr. John S. Billings, Director of the Library; by Mr. Cromwell, and by Mr. Arthur E. Bostwick, Chief of the Circulation Department. A chorus from Public School No. 14, of Stapleton, furnished music.

At the ST. GEORGE opening Hon. George Cromwell presided and addresses were made by Hon. George L. Rives on behalf of the Trustees, and by Dr. D. L. Bardwell, District Superintendent of Schools, Mr. Arthur Hollick, of the Board of Education, Rev. Dr. James Clayton Howard, of Kingsley M. E. Church, Stapleton, and Mr. Arthur E. Bostwick. Public School No. 16, St. George, furnished music.

These two branches constitute the thirty-sixth and thirty-seventh branches in the Circulation Department of the Library, and the third and fourth in the Borough of Richmond. They are the twenty-second and twenty-third to be erected from Carnegie funds and the ninth and tenth to be opened as new branches directly by the library.

At the meeting of the board of estimate and apportionment on Monday, July 8, the contract (number VIII) for the electrical wiring, etc., for the new central building for the reference department was awarded to the Lord Electrical Company, its bid being for the sum of $153,891.00. Work on the erection of the main structure (contract no. III) is now practically finished.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, NAVIGATION AND SEAMANSHIP, SHIPBUILDING, ETC.

Part II.

Education.

General.

Chadwick (French Ensor). Report on the training systems for the Navy and Mercantile Marine of England, and on the naval training system of France... 1879. *Washington: Govt. Prtg. Office*, 1880. 207 p., 1 tab. 8°. (U. S. Equipment and Recruiting Bureau.)

—— Same. (46. Cong. 2 sess. S. ex. doc. 52. in v. 3.)

Hoerschelmann (E. F. de), *and* S. M. Jitkoff. Institutions d'instruction pour le personnel de la batellerie. Communication. *Paris : Imp. Gén. Lahure*, 1900. 1 p.l., 6 pp., 1 l. 4°. (International Congress on navigation (VIII.) Sec. 2.)

Soley (James Russell). Report on foreign systems of naval education. *Washington*, 1880. (U. S. Navy Dept.) 8°.

Australia.

New South Wales. Nautical School Ship "Vernon." Report for year ended 30 June, 1878; presented to Parliament. *n. t.-p.* [*Sydney*, 1878.] f°.

Austria.

Austria.—*Marine-Akademie.* Auszug aus dem Statuts. *Wien : K.-K. Hof u. Staatsdruckerei*, 1902. 1 p.l., 34. 4°.

Salcher (P.) Geschichte der k. u. k. Marine-Akademie. (Mittheil. a. d. Gebiete d. Seewesens. v. 30, pp. 247–283; 327–368; 415–425. *Pola*, 1902.)

Belgium.

[**Belgium.**—*Marine, Ministère de la.*] Construction & ameublement de batiments d'école. *Huy: L. Degrace*, 1876. 16 p., 3 pl. pap. 8°. ([Belgium. Marine, Ministêre de la])

China.

Naval colleges in China. (Engineer. v. 89, pp. 600–601. *London*, 1900.)

Cuba.

Cuba.—*Agricultura y Comercio, Junta de.* Informe presentado a la Real Junta de Fomento de Agricultura y Comercio de esta isla, en sesion de 11 de Diciembre de 1833, en el espediente sobre reforma y ampliacion de la escuela nautica establecida en el pueblo de Regla... *Habana: Imprenta del Gobierno*, 1834. 2 p.l., iii, 1 l., 154 p. 4°.

France.

Bourgeois (Émile). Commission pour la revision des programmes d'admission à l'école navale et des programmes d'études des écoles de la marine (Rev. internat. de l'enseignement. v. 40, pp. 29–37. *Paris*, 1900.)

Captier (Gustave). De l'établissement d'institutions marinières d'instruction professionnelle de prévoyance et d'assistance en France. Rapport. *Paris : Imp. Gén. Lahure*, 1901. 1 p.l., 5 p., 1 l. 8°. (International Congress on navigation (VIII.) sec. 2., ques. 5.)

Text also in English and French.

Écoles des mousses de la marine nationale. But de l'école, conditions d'admission—régime de l'école... *Paris: H. Charles-Lavauzelle* [1905 ?]. 52 p. 16°. (Carrières maritimes.)

École Navale. Instruction pour l'admission à l'école...concours de 1852. *n. t.-p.* (France. Marine, Minist. de la.)

—— Programme des conditions d'admission à l'École navale en 1900–1901, 1905. *Paris*, 1900–5. 12°.

—— Instruction pour l'admission à l'Ecole navale en 1903. (Bull. offic. de la marine. année 1903, pp. 143–164. *Paris*, 1903.)

—— —— 13 fevrier 1905. (*idem.* Anné 1905, pp. 102–123. *Paris*, 1905.)

Guette (P.) Considérations sur l'enseignement de la mousqueterie dans la marine. (Rev. maritime. v. 154, pp. 1401–1426. *Paris*, 1902.)

Histoire de l'école navale et des institutions qui l'ont précédée. Par un ancien officier. Avec lettre du Vice-amiral Jurien de la Gravière... *Paris : Maison Quantin*, 1889. 3 p.l., 366 p., 39 pl., 1 port. 4°.

No. 2 of 50 copies printed.

Lannoy (G. de). L'école navale et les programmes universitaires. (Rev. maritime. v. 147, pp. 73–85. *Paris*, 1900.)

Le Tonquesse (E.) Notice sur les écoles de maistrance. (Rev. maritime. v. 145, pp. 259–290. *Paris*, 1900.)

Marine (La) militaire et les pêcheurs. (Rev. maritime. v. 143, pp. 743–747. *Paris*, 1899.

Millault (Charles). Manuel d'éducation militaire du marin. *Paris: R. Chapelot & Cie.*, 1900. xxiv, 279 p. 16°.

Ordonnance du Roy, Concernant l'Instruction des Elèves de la Marine dans les Ports. Du 8. Octobre, 1721. *n. t.-p.* Colophon: [*A Paris: De l'Imprimerie Royale*, 1721.] 3 p. 8°.

Ordonnance du Roy, Concernant l'Instruction des Elèves des Galeres dans le Port de Mar-

Education, cont'd.

seille. Du 16. Octobre, 1721. *n. t.-p.* Colophon: [*A Paris: De l'Imprimerie Royale*, 1721.] 3 p. 8°.

Ordonnance du Roy, Qui enjoint expressément au nommé Mathurin Charrier... Maitre d'école à Painbeuf, de sortir dudit lieu; Et lui défend d'habiter dans aucune ville ou bourg, distant du moins de dix lieures des côtes maritimes du royaume ... Du 13. Novembre, 1749. Colophon: [*A Paris: De l'Imprimerie Royale*, 1749.] 2 p. 8°.

Sahib. Croquis maritimes. *Paris: L. Vanier*, 1880. 200 p., 23 pl. f°.

Schromm (A.) Mesures de protection et instructions pour le personnel de la batellerie. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 18 p., 1 l. 8°. (International Congress on navigation (VIII.), sec. 2., ques. 5.)

In English and French.

Treveneuc (de). A scheme for a French naval war college. (Proc. U. S. Naval Inst. v. 25, pp. 621–634. *Annapolis*, 1899.)

Germany.

Fulst (Otto). Gründung und Entwickelung der Seefahrtschule in Bremen. (Bremisches Jahrbuch. 19. Bd. pp. 36–93. *Bremen*, 1900. 8°.)

Germany.—*Marine Amt.* Vorschriften für die Ausbildung der Schiffsjungen. *Berlin: E. S. Mittler & Sohn*, 1901. vi, 62 p. pap., bds. 8°.

Mériel (Pierre de). L'école navale allemande. (La nature. année 29, sem. 1, pp. 259–260. *Paris*, 1901.)

[**Rose** (Frederick).] Report on technical instruction in Germany: navigation schools in Germany. *London: Harrison & Sons, prtrs.*, 1904. 16 p. 8°. (Gr. Br. Foreign Office. Dipl. and cons. repts. Misc. ser. 611.) Cd. 1767–15.

Schneider (R.) Leben und Treiben an Bord S. M. Seekadetten und Schiffsjungenschulschiffe... *München: J. F. Lehmann*, 1901. xi, 220 p., 1 pl., 1 port. illus. 8°.

Steuzel ( ). Ein deutsches Marine-Kadettencorps. (Deutsche Rev. Jahrg. 26, pp. 228–236. *Stuttgart*, 1901.)

Vorschriften für die Ausbildung der Seekadetten auf den Schulschiffen. *Berlin: E. S. Mittler & Sohn*, 1899. vi, 130 p. 8°.

Great Britain.

Allingham (William). Mercantile marine education. *London*, 1893. 50 p. 8°. (Shipmasters' society, London. Course of papers, no. 28.)

Appleyard (Rollo). Officers for the fleet. (Fortnightly Rev. v. 78 (n. s., 72), pp. 852–860. *London*, 1902.)

Attwood (E. L.) The Admiralty course of study for the training of naval architects. [With discussion.] 4 pl. (Transac. Inst. Naval Architects. v. 47, pp. 231–255. *London*, 1905.)

Bellairs (Carlyon). The navy at school. (Monthly Rev. v. 4, no. 12, pp. 36–50. *London*, 1901.)

—— The war training of the navy. (Monthly Rev. v. 1, no. 1, pp. 71–86; v. 2, no. 2, pp. 43–68. *London*, 1900–01.)

Bowden-Smith (*Sir* N.) On the necessity for training seamen for the sea service. (Jour. Roy. United Service Inst. v. 48, pp. 652–676. *London*, 1904.)

Brassey ( ). The manning of the merchant navy. (Navy League Jour. v. 4, pp. 159–160. *London*, 1899.)

"Britannia" (The) naval college. By Cruiser. (United Service Maga. v. 146 (n. s., v. 25), pp. 235–241. *Washington*, 1902.)

Bulkeley (R. Williams). The training of seamen. (Saturday Rev. v. 90, pp. 555–556. *London*, 1900.)

Corbett (Julian S.) Education in the navy. (Monthly Rev. v. 3, no. 18, pp. 34–49. *London*, 1902.)

—— Lord Selborne's memorandum. (Monthly Rev. v. 10, no. 2 (Feb., 1903), pp. 29–41. *London*, 1903.)

D. (A. C.) The education of naval officers. (United Service Maga. v. 142 (n. s., v. 21), pp. 470–487. *London*, 1900.)

Ewing (J. A.) The new scheme of naval training. (Engineer. v. 101, pp. 511–512; 537. *London*, 1906.)

Fitzgerald (C. C. P.) Training of seamen in the royal navy. (Nat. Rev. v. 35, pp. 625–634. *London*, 1900.)

Fremantle (*Sir* E. R.) The admiralty scheme: Lord Selborne's Christmas box. (United Service Maga. v. 147 (n. s., v. 26), pp. 573–585. *London*, 1903.)

—— Training of naval officers. (Monthly Rev. v. 2, no. 6, pp. 20–48. *London*, 1901.)

Gillie (John). The education of north country seamen and officers, past and present. (Nautical Maga. v. 68, pp. 159–171. *London*, 1899.)

Great Britain.—*Junior Naval Officers, Committee on Training and Examination of.* Report of the committee appointed...to inquire into and report on the training and examination of junior naval officers; with the circular announcing the changes to the fleet. *London: Eyre & Spottiswoode, prtrs.*, 1901. vi, 40 p. pap. f°. Cd. 508. (Admiralty.)

—— *Education of Naval Executive Officers, Committee on.* Report of the committee appointed ...to inquire into and report on the education of naval executive officers, together with minutes of evidence. *London: Eyre & Spottiswoode*, 1886. xxxvii, 99 p. pap. f°.

Hanway (Jonas). Proposal for county naval free schools to be built on waste lands giving such effectual instructions to poor boys as may nurse them for the sea service. Teaching them also to cultivate the earth that in due time they may furnish their own food; and to spin, knit... make shoes &c... [*London*, 1783.] 1 p.l., xxii, 2 l., 141, 48 p., 2 plans, 6 pl. f°.

[**Hanway** (Jonas).] Prudential, moral, and religious advice, given to the respective scholars in the proposed naval free-schools in the several countries, for their study and instruction at all proper times. [By Jonas Hanway.] [*London*, 1783.] 1 p.l., v, 1 l., 67 p. f°.

Education, cont'd.

King (Edward). Proposals for establishing at sea a marine school; or, seminary for seamen... in a letter addressed to John Frere... Written in consequence of the report made by Jonas Hanway... *London: J. Nichols*, 1785. 36 p. 8°.

Marine Society, London. General state of the Marine Society, for the equipment, maintenance & instruction of distressed boys for the Royal Navy, the Honorable East India Company, and Merchants Service, and the Fisheries to the 31st De. 1834, 31st De. 1837. *London*, 1835–1838. nar. 12°.

Maritime School, England. Reasons for the establishment of the... school... with rules and regulations of the institution commenced 1777. [*London*, 1782.] 22 p., 7 l. 12°.

Mars Training Ship Institution. Report of the general and executive committees of the Mars Training Ship Institution, submitted to the seventh annual meeting of governors, held ... 26. February 1877. *Dundee: Advertiser Office*, 1877. 45 p. 8°.

Nautical (A) museum. (Nautical Maga. v. 71, pp. 360–365. *London*, 1902.)

Naval education—The cart before the horse. By a naval officer. (United Service Maga. v. 145 (n. s. v. 24). pp. 565–570. *London*, 1902.)

Naval education; its past and future. (Blackwood's Edinb. Maga. v. 178, pp. 445–459. *London*, 1905.)

Naval and navigation schools of England. [*New York*, 1865–?] 51–80 p. 8°.

New (The) British admiralty scheme of training naval officers. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 144–181. *Washington*, 1903.)

Noel (*Sir* Gerard H.) On seamanship-training for the naval executive. (United Service Maga. v. 142 (n. s. v. 21). pp. 40–46. *London*, 1900.)

Roberts (*Sir* S.) A plan for educating and training the superabundant youth of Great Britain and Ireland for the service of Her Majesty's naval and commercial marine. *London: Simpkin, Marshall & Co.*, 1844. 12 p. 12°.

Royal Naval School. Report... general meeting... 30., May, 1837, at the Horticultural Society's rooms... Vice Admiral... Lord Colville in the chair. *London: A. Drew*, 1837. 6 p., 2 l. 8°.

—— Report of the council of administration to the general meeting, 1838. *London*, 1839. 8°.

Sharp (James A.) The establishment of navigation institutions at the outports. *London: R. B. Bate*, 1845. 8°.

Side-lights on naval education. By "Whitewash." (United Service Maga. v. 146. (n. s. v. 25.) pp. 347–355. *London*, 1902.)

Statham (E. P.) The story of the "Britannia," the training ship for naval cadets, with some account of previous methods of naval education and of the new scheme of 1903. *London: Cassell & Co.*, 1904. xii, 274 p. illus. 8°.

Thursfield (J. R.) The training of seamen. (Jour. Roy. United Service Inst. v. 44, pp. 969–987. *London*, 1900.)

Training of enlisted men. Three papers reprinted from the "Jol. of the Royal United Service Institution." *Washington*, 1885. 96 p. 8°. (Naval Professional Paper, no. 18.)

Italy.

Gaetani (E. de). I coefficienti morali e il problema navale. *Genoa: Tip. R. Istituto Sordomuti*, 1902. 2 p.l., 7–45 p. 8°.

Regio Scuola Navale Superiore di Genova. Annuario. Anno scolastico. 1905/1906. *Genova*, 1906. f°.

Japan.

Kennan (George). A Japanese naval school. (Outlook. v. 77, pp. 977–983. *New York*, 1904.)

The Japanese Naval Academy Yetajima, Japan.

Sato (K.) The education of imperial Japanese naval officers of the executive branch. (Jour. Roy. United Service Inst. v. 48, pp. 1109–1124. *London*, 1904.)

Netherlands.

Gedenkschriften Betreklyk tot het kweekschool voor de Zeevart. *Amsterdam*, 1791. 8°.

Parvé ([D. J.] Steyn). Onze zeevaartscholen. ['*s Gravenhage*, 1882?] 23 p. 8°.

Repr.: "de Economist," April, 1882.

Philippines.

Philippine nautical school, Manila, P. I. Prospectus for the year 1904/5. *Manila: Bureau of public printing*, 1904. 8°. (Bureau of Education. Bulletin no. 4—1904.)

In English and Spanish.

Portugal.

Braz de Oliveira (João). Modelos de navios existentes na escola naval que pertenceram ao museu de marinha. Apontamentos para um catalogo. Traducção franceza de José Augusto Celestino Soares. *Lisbon: Imp. Nac.*, 1896. 28 l., 27 p. f°. (Portugal. Marinha e Ultramar Minist. da.)

Gomes da Costa (Victorino). Guia de instrucçao profissional do marinheiro. *Lisbon: Imp. Nacional*, 1898. 4 p.l., 7–526 p. 8°. (Portugal Marinha e Ultramar, Ministerio da.)

Portugal. [*Marinha e Ultramar, Secretaria da.*] Regulamento para as escolas de alumnos marinheiros. Approvado por decreto de 19. de Fevereiro de 1885. *Lisbon: Imp. Nacional*, 1886. 182 p. 8°.

Russia.

Posnett (Hutcheson Macaulay). A Russian seamen's primer. (Contemp. Rev. v. 88, pp. 251–263. *London*, 1905.)

Describes the contents of the volume, approved by the Russian Committee for Naval Instruction and comments upon its inadequacy as a means of educating seamen.

Spain.

Dias (Pedro). Examen de los mestros y Pilotos, que nauegan en las flotas de España para las Indias del mar oceano, escrito por Pedro Dias, natural de las Isla de la Palma, 1586. [With English translation.] (In Hakluyt's Voyages. *London*, 1600. f°. vol. 3, pp. 864–868.)

Moses (Bernard). The Casa de contratacion of Seville. (Amer. hist. assoc. ann. rept. for 1894, p. 93–123. *Washington*, 1895.)

Puenta y Olea (Manuel de la). Los trabajos geograficos de la casa de contratacion (o casa de Indias de Sevilla). *Sevilla*, 1900. viii, 453 pp. port., pl., maps. 4°.

Education, cont'd.

Tulloch (A. B.) La enseñanza é instrucción militar de los aspirantes á guardias marinas y cadetes. (Revista general de marina. v. 42, pp. 155–167; 411–420; 564–568; v. 43, pp. 95–102; 354–360; 455–466. *Madrid*, 1898.)

United States.

Andrews (Philip). The naval training station at San Francisco. (Overland monthly. v. 34, pp. 549–555. *San Francisco*, 1899.)

Beach (Edward L.) The training-ship. (Proc. U. S. Naval Inst. v. 28, pp. 21–38. *Annapolis*, 1902.)

Benjamin (Park). On becoming a naval officer. (Independent. *New York*, 1898. 8°. v. 50, pp. 954–958.)

Blue (Victor). Converted Yachts or small gunboats for training landsmen. (Proc. U. S. Naval Inst. v. 28, pp. 221–229. *Annapolis, Md.*, 1902.)

Carus (Paul). Duplicate the naval academy. A suggestion to Congress. (Open Court. v. 15, pp. 495–497. *Chicago*, 1901.)

Dillingham (A. C.) Methods employed at training stations for training apprentice seamen for the fleet. (U. S. Naval Inst. Proc. v. 33, pp. 137–151. *Annapolis*, 1907.)

Hood (John). The school of the officer. (Proc. U. S. Naval Inst. v. 28, pp. 195–206. *Annapolis*, 1902.)

Hussey (C. L.) Systematic training of the enlisted personnel of the navy. (Proc. U. S. Naval Inst. v. 29, pp. 59–116. *Annapolis*, 1903.)

McKean (J. S.) How best to meet "the navy's greatest need." (Proc. U. S. Naval Inst. v. 28, pp. 851–867. *Annapolis*, 1903.)

Maryland Nautical Academy, Easton, Md. Register, 1897/8. *n. p.*, 1897. sq. 8°.

Massachusetts Nautical Training School. Annual report. (1893, 95–1904.) *Boston*, 1894–1905. ob. 48° and 8°.

—— [Prospectus. *Boston?* 1894.] 16 p. 8°.

—— Terms of admission, course of studies, daily routine and code of discipline. 1897. [*Boston*, 1897.] 8°.

Naval War College. Abstract of Course. 1895. *Washington: Govt. Prtg. Office*, 1895. 8°.

CHADWICK (F. E.) Explanation of course at the naval war college. (Proc. U. S. Naval Inst. v. 27, pp. 301–310. *Annapolis*, 1901.)

—— Opening address delivered by the president of War College June 4, 1902. (Proc. U. S. Naval Inst. v. 28, pp. 251–268. *Annapolis, Md.*, 1902.)

HACKETT (F. W.) "That we may have peace—you teach war." An address delivered before the Naval War College, Newport, Rhode Island, at the annual opening, June second, nineteen hundred. *Washington*, 1900. 9 pp. 8°.

—— An address delivered before the Naval War College, Newport, Rhode Island, at the annual opening, June third, nineteen hundred and one. *Washington*, 1901. 12 p. 8°.

ROOSEVELT (Theodore). Address... before the Naval War College, Newport...June 2, 1897. [To be prepared for war is the most effectual means to promote peace.] *Washington: Govt. Prtg. Office*, 1897. 24 p. 8°. (Naval War College.)

New York (City).—*Education Board.* Regulations for the admittance, government & instruction of boys on board the New York Nautical School Ship "St. Mary's," as authorized by the Board of Education of the city and county of New York...with... laws authorizing establishment of ... school. [*New York:*] *Flushing & Bardna, prts.*, 1876. 44 p. 8°.

—— Same. *New York*, 1889. 24 p. 8°.

—— *Public Charities and Correction, Dept. of.* Cruise of School-ship "Mercury" in tropical Atlantic Ocean. 1870–1871. *New York: N. Y. Prtg. Co.*, 1871. 33 p., 1 map. 1 pl. 8°.

—— Another copy, with typographical error: "in South Atlantic Ocean. 1870–1871."

New York Nautical College. Prospectus. [*New York*, 1900?] 32 p. 8°.

—— —— [*New York*, 1901?] 48 p.

New York observatory and nautical museum. Preliminary plans and organization. 4 East 48th street, 1906. *New York*, 1906. cover, 7 p. 8°.

—— The New York observatory and nautical museum. Preliminary organization. Pamphlet no. II. January, 1907. *New York*, 1907. cover, 14 p. 8°.

Nystrom (J. W.) On technical education and shipbuilding, for naval and marine engineers. *Philadelphia*, 1865. pl. 12°.

Pritchett (Henry S.) Technical training for shipbuilders. [Discussion.] (Soc. of Naval Architects and Marine Engineers. Transac. v. 10. pp. 1–14. *New York*, 1902.)

R. (W. S. W.) Education in the navy. *Richmond, Va.*, 1850. 9 p. 4°. (Southern Literary Messenger. v. 16. no. 9.)

Reid (James H.) A naval training policy and system. 7 pl. (Proc. U. S. Naval Inst. v. 20. pp. 1–57. *Annapolis*, 1903.)

Remarks on the home squadron and naval school. By a Gentleman of New York. *New York: J. P. Wright*, 1840. xii, 40 p. 8°.

Rhode Island.—*Naval Training School Commission.* Report of the commissioners regarding the Naval Training School at Newport.. 1881. *Providence: E. L. Freeman & Co.*, 1883. 11 p. 8°.

S. (J. S.) Nautical education: letter to a young gentleman of Maryland, on his entrance into the navy of the U. S. *n. p.*, 1841. 8°.

St. Mary's, School ship. *See* **New York** City Education Board.

Society for the Education and Advancement of Young Seamen, New York. Annual Report for 1868. No. 1. *New York*, 1869. 24°.

Turpin (Walter S.) Training of gun captains. (Proc. U. S. Naval Inst. v. 28, pp. 885–893. *Annapolis*, 1903.)

United States.—*Navigation Bureau.* Manual for officers serving on board U. S. cruising training ships. *Washington*, 1899. 12°.

United States Naval Academy. Annual register for the academic years 1863/4, 1865/6, 1867/8–1869/70, 1872/3, 1875/6–1877/8, 1879/80,

Education, cont'd.

1881/2–1882/3, 1888/9–1892/3, 1895/6, 1897/8–1906/7. *Newport, Washington*, 1863–1906. 8°.

Early nos. called "Official register of the officers, etc."

—— Regulations governing the admission of candidates into the United States Naval Academy as Naval Cadets, August, 1894. [*Washington*, 1894.] 12 p. 8°.

—— —— Feb., 1898. [*Washington*, 1898.] 12 p. 8°.

—— Rules and regulations. *Washington*, 1850. 46 p. 8°.

—— Regulations. *Washington*, 1855. 64 p. 8°.

—— Regulations. [*Cambridge, Mass.*,] 1865. 47 p. 8°.

—— Regulations. *Washington*, 1869. 173 p. 8°.

HISTORY.

BENJAMIN (Park). The United States naval academy... *New York: G. P. Putnam's Sons*, 1900. xiv, 1 l., 468 p., 1 plan, 41 pl., 13 port. 8°.

MARSHALL (E. C.) History of the United States Naval Academy, with biographical sketches, and the names of all the superintendents, professors and graduates... *New York*, 1862. pl. 12°.

SOLEY (James Russell). Historical sketch of the United States Naval Academy. Prepared by direction of Rear Admiral C. R. P. Rodgers, for the Department of education at the International exhibition, 1876. *Washington: Govt. Print. Off.*, 1876. 348 p., 1 plan, 15 pl. 4°.

TAYLOR (Owen M.) History of Annapolis, the capital of Maryland; with full history and description of the U. S. Naval Academy. *Baltimore*, 1872. 8°.

GENERAL WORKS.

ANNAPOLIS and the naval academy. [*Annapolis:*] *M. C. Dugan*, cop. 1901. 9 l., 21 pl. ob. 32°.

BARNES (James). The United States Naval Academy. (Outlook. *New York*, 1898. 8°. v. 59, pp. 839–849.)

BENJAMIN (Park). The unused products of the Naval Academy. (Independent. *New York*, 1898. 8°. v. 50, pp. 1179–1183.)

CATALOGUE of the flags in the Naval Institute Hall, U. S. Naval Academy. [*Annapolis: U. S. Naval Acdemy*, 1888?] 20 p. 12°.

DUGAN (M. C.) U. S. Naval Academy examination papers. 1899–1902. *Baltimore: Cushing & Co.*, 1902. 100 p. 12°.

FLAGG (Ernest). The new naval academy. 1 pl. (Proc. U. S. Naval Inst. v. 25, pp. 865–873. *Annapolis*, 1899.)

GRADUATES Association. Annual reunion, no. 3 (June 7, 1888). *Baltimore*, 1889. 8°.

HARPER (Walter R.) Concrete piles at the United States Naval Academy. (Engineering Rec. v. 51, pp. 277–278. *New York*, 1905.)

[HOLDEN (Edward Singleton).] The United States Naval Academy at Annapolis [its organization and methods of training]. *Washington: Govt. Prtg. Office*, 1900. 747–780 p. pap. 8°. (U. S. Education Bur.)

HOLLIS (Ira N.) The Naval Academy as a technical school. (Soc. for the Promotion of Engineering Education. Proc. 12. annual meeting. Sept., 1904, pp. 84–98. *New York*, 1905.)

HOW to gain admission to Annapolis, West Point, the navy, or the schoolship St. Mary's. With much other information of value to boys contemplating a naval or military career, and also containing a directory of the leading military schools. 1898. *New York: S. A. Nelson*, 1898. 74 p., 1 l. [2. ed.] sq. 16°.

Title on cover reads: The Annapolis, West Point and military school handbook.

MARION (H.) The naval academy as it is. (Scient. Amer. v. 80, pp. 283–284. *New York*, 1889.)

RILEY (Elihu S.) Early days of naval academy. (United Service. ser. 3, v. 7, pp. 209–214. *New York*, 1905.)

SMITH (*Rev.* George W[illiamson]), *Chaplain U. S. Navy.* Fellow members. A farewell sermon. Preached...Annapolis, Md., September 24., 1876. *Annapolis, Md.: L. F. Colton & Co.*, 1876. 10 p. 8°.

SCHELL (F. J.) United States naval academy at Annapolis—Department of steam engineering. (Marine Engineering. v. 3, pp. 12–23. *New York*, 1899.)

UNITED STATES.—*Naval Affairs Committee.* In the matter of the Hon. William H. H. Stowell, charged with the sale of a naval cadetship. Jan. 21, 1875. *n. t.-p.* [*Washington*, 1875.] 7 p. pap. 8°.

—— *Navigation Bureau.* List of vacancies for midshipmen at the United States Naval Academy, that will exist March 5, 1904. [*Washington*, 1904.] 1 p. nar. f°. (Navy Dept.)

—— *Statutes.* A bill fixing the age of candidates for admission to the naval academy, and for other purposes. Introduced in the Senate by Mr. Hale, January 21, 1898. [*Washington*, 1898.] 2 pp. 4°. (55. Cong. S. 3314.)

—— —— A bill authorizing the President to appoint cadets at large at the United States Naval Academy. Reported in the Senate, by Mr. Hale, June 24, 1898. [*Washington*, 1898.] 1 l. 4°. (55. Cong. S. 4808.)

—— —— —— Same. An act. In the House. June 27, 1898.

—— —— —— Same. An act. In the House. June 27, 1898. [To accompany] rept. 1636.

—— —— A bill to prevent the appointment of cadets to the naval or military academy of the United States, territories or districts in which such cadets do not reside, and for other purposes. In the Senate, January 27, 1898. [*Washington*, 1898.] 2 pp. 4°. (55. Cong. S15.)

—— —— —— Same. An act. In the House. March 23, 1898. 2 p. 4°.

—— —— Joint resolution to authorize the President to appoint to the naval academy, acting naval cadets who served during the war with Spain. February 1, 1899. 1 l. 4°. (55 Cong. S. R. 234.)

—— —— —— Same. February 28, 1899. 4°.

—— —— —— Same. March 3, 1899. [To accompany] report 2356. 4°.

Education, cont'd.

—— —— Joint resolution to authorize the President to appoint to the Naval Academy acting naval cadets who served during the war with Spain. In the Senate, Dec. 12, 1899. *n. p.*, 1899. 1 l. 4°. (U. S. 56. Cong. S. Res. 38.)

—— —— Joint resolution to authorize the President to appoint to the Naval Academy acting naval cadets who served during the war with Spain. Introduced in the House by Mr. McClellan, Dec. 15, 1899. *n. p.*, 1899. 1 l. 4°. (56. Cong., 1. sess. H. J. Res. 81.)

UNITED STATES (The) Naval Academy. Report of the board of visitors to the secretary of the navy, for 1864. [*New York*, 1864.] 17–50 p. 8°.

WAINWRIGHT (Richard). The new naval academy. (World's Work. v. 4, pp. 2269–2285. *New York*, 1902.)

WORTHINGTON (Walter F.) The United States Naval Academy as an engineering school. illus. (Engineering Maga. v. 32, pp. 844–859. *New York*, 1907.)

Webb's Academy and Home for Ship Builders, New York. Annual report for 1888/95–1904/5. nos. 1–11. *New York*, 1895–[1905]. 8°.

—— Charter and amendment. [*New York*,] 1894. 11 p. 8°.

—— Dedicatory exercises, May 5, 1894. [*New York*,] 1894. 27 p., 1 port. 8°.

—— By-laws of the Board of Trustees, adopted December 12, 1895. [*New York*,] 1895. 2 p.l., 7–22 p., 1 l. 24°.

—— [Description] [*New York*, 1900] 8 p. 8°.

SEAMEN.

Songs and Chanties.

Bern (M.) Ahoi! Deutsche Meereslyrik. Für alle Freunde deutscher Seefahrt und der deutschen Flotte ausgewählt von M. Bern. *Berlin: K. Siegismund* [1899]. 8 p.l., 347 p. illus. 8°.

Bernard (D. H.) Sea songs and chanties. (Nautical Maga. v. 75, pp. 431–435. *Glasgow*, 1906.)

Hutchison (Percy Adams). Sailors' chanties. (Jour. Amer. Folk-Lore. v. 19, pp. 26–28. *Boston*, 1906.)

Leland (C. G.) Songs of the sea and lays of the land. *London: A. & C. Black*, 1895. xiii, 1 l., 278 p. 8°.

Masefield (John). Sea-songs. [Chanties, or working songs, sung as an aid to labor.] (Temple Bar. n. s. v. 1, pp. 56–80. *London*, 1906.)

Old sea chanties. Collected and arranged by J. Bradford and A. Fagge. *London: Metzler & Co.*, 1904. 17 p. f°.

Sea melody. (Nautical Maga. v. 76, pp. 28–36; 100–109. *London*, 1906.)

Some deep sea chanties. Examples of the real "hauling" songs. (Evening Post, New York, 2 Sept. 1905. Saturday Supplement, p. 3, col. 5–6.)

Walters (Alan). Songs of the sea. (Temple Bar. v. 120, pp. 485–495. *London*, 1900.)

Webb (Alfred). Sailors' chanties. (Irish Monthly. v. 31, pp. 37–42. *Dublin*, 1903.)

Foreign Seamen.

Allingham (William). Foreign seamen in British merchant ships. (Nautical Maga. v. 71, pp. 741–753. *London*, 1902.)

France.—Ordonnance du Roy, Qui permet aux Capitaines...& Patrons des Vaisseaux...qui armeront à l'avenir pour le Commerce, d'employer dans le nombre des Matelots...jusqu'à la concurrence du tiers de Matelots Estrangers. Du 20. Octobre, 1723. *A Paris: l'Imprimerie Royale*, 1723. 4 p. 8°.

Hope (Archibald). The "black acts": a dialogue between a free-born Briton-indigo-planter and an impartial man; from the Delhi Gazette, with preliminary remarks. *Calcutta*, 1850. 8°.

Hughes (R. M.) The laws relating to Lascars and Asiatic seamen employed in the British Merchants' service, or, brought to the United Kingdom in foreign vessels. Being extracts from the Merchant Shipping Act, 1854, the Merchant Shipping Repeal Act, and the Merchant Shipping Amendment Act, 1855. *London: Smith, Elder & Co.*, 1855. 20 p. 8°.

Livernash (Edward James). Memorandum [of Edward J. Livernash, urging Congress to amend subsidy bill, S. 1348, so as to forbid] employment of Chinese on vessels flying American flag; presented by Mr. Patterson. [*Washington*,] 1902. 17 p. 8°. (U. S. 57th Cong., 1st sess. Senate document, 254. In v. 17; 4235.)

Peggs (*Rev.* James). The Lascars' cry to Britain. An appeal to British Christians, on behalf of the Asiatic sailors who resort to the ports of London, Liverpool, &c...*London: T. Ward & Co.*, 1844. 1 p.l., 44 p., 1 pl. 8°.

Seamen of Various Countries.

China.

Harms ( ). Das Seemannshaus in Tsingtau. (Ztschr. d. Centralstelle f. Arbeiter-Wohlfahrtseinrichtungen. Jahrg. 7, pp. 267–269. *Berlin*, 1900.)

France.

Aujar (Leopold). Réflexions d'un matelot: le socialisme dans la marine. (Grande rev. année 4 (1900), v. 4 (v. 15), pp. 89–117. *Paris*, 1900.)

Bellet (Daniel). Les infiltrations socialistes et l'assurance obligatoire des marins. (Jour. de économistes. ser. 5, v. 41, pp. 212–222. *Paris*, 1900.)

Captier (Gustave). De l'établissement d'institutions marinières d'instruction professionnelle de prévoyance et d'assistance en France. Rapport. *Paris: Imp. Gén. Lahure*, 1901. 1 p.l., 5 p., 1 l. 8°. (International Congress on navigation (VIII.), sec. 2, ques. 5.)

Text in English and French.

Institutions marinières, associations corporatives & mutuelles. Observations sur le rapport de M. G. Captier... *Paris: Imp. des Arts & Manufactures*, 1900. 8 p. 8°. (International Congress on navigation (VIII.), ques. 5.)

Just ( ). Institutions de prévoyance pour le personnel de la navigation intérieure et du flottage. Rapport. *Paris: Imp. Gén. Lahure*, 1900.

Seamen, cont'd.

1 p.l.. 23 p. 8°. (International Congress on navigation (VIII.), sec. 2, ques. 5.)
In English and French.

Laurier (H.) La caisse de prevoyance des marins français du commerce. (Revue maritime. v. 171, pp. 435-536. *Paris*, 1906.)

Mazerat (Ed. R.) L'assurance des gens de mer contre les accidents et la loi du 21 avril, 1898. (Annales des sci. polit. v. 20, pp. 217-234; 364-385. *Paris*, 1905.)

Taillemer (Charles). De la condition de l'homme de mer en France: son asservissement; set droits au régime commun. (Grande Rev. année 10, v. 39 (n. s., v. 2), pp. 561-585. *Paris*, 1906.)

Germany.

Fitger (E.) Der Seeman und seine soziale Lage. (Die Grenzboten. Jahrg. 62, 1903, v. 2, pp. 67-73. *Leipzig*, 1903.)

Lage (Die) der in der Seeschiffahrt beschäftigten Arbeiter. Bd. 1, Abt. 1-2; Bd. 2, Abt. 1-2. *Leipzig: Duncker & Humblot*, 1902-04. 4 v. 8°. (Verein für Socialpolitik. Schriften. v. 103[1-2], 104[1-2].)
Bd. 1., Abt. 1, reads: Die wirtschaftliche und technische Entwicklung der Seeschiffahrt . . . von E. Fitger.

Mueller (Paul). Seemanns Leben und Leiden. Zur Lage und Organisation der seemänischen Arbeiter. (Socialist. Monats-Hefte. Jahrg. 5 (7), pp. 936-945. *Berlin*, 1901.)

Statuts revisés de la caisse des marins de Hambourg, publiés le 17 decembre 1866. (Revue maritime. v. 170, pp. 661-683. *Paris*, 1906.)

Verein für Socialpolitik. Verhandlungen des Vereins für Socialpolitik über die Lage der in der Seeschiffahrt beschäftigten Arbeiter und über die Störungen im deutschen Wirtschaftsleben während der Jahre 1900 ff. *Leipzig*, 1904. 8°. (Verein für Socialpolitik. Schriften. v. 113.)

Great Britain.

Allingham (William). Seamen's food and accommodation. (Nautical Maga. v. 70, pp. 34-45. *London*, 1901.)

Batten (A.) Notes of an address on the just and urgent claims of our seamen, delivered to the deputation of the British and Foreign Sailors' Society...Sept. 29, 1859. *Aberdeen: T. Baker*, 1859. 8 p. 8°.

Bethel Seamen's Friend Society of Aberdeen. Annual report, no. 7 (1829). *Aberdeen*, 1829. 12°.

Brassey (1. *baron*), THOMAS BRASSEY. British seamen as described in recent parliamentary and official documents. *London*, 1877. 8°.

Caborne (W. F.) The rehabilitation of British merchant sailors. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 623-630.)

Chamberlain (T.) Our sailors: a speech... May 19, 1884; on moving the second reading of a bill to provide for greater security of life and property at sea. *London: C. Buck*, 1884. 37 p. 8°.

Considerations on a letter to the mayor of ——, in relation to bill now depending in Parliament, for the encouragement of seamen employed in the Royal Navy, &c. *London: W. Lewis*, 1758. 31 p. 12°.

Cowie (Archibald). The supply of British seamen. (Contemp. Rev. *London*, 1898. 8°. v. 73, pp. 855-865.)

Dawson (W.), *Commander*. The disappearance of British-born merchant sailors: a national danger. (Jour. Roy. United Service Inst. *London*, 1898. 8°. v. 42, pp. 641-680.)

Description of a voyage to the coal trade; an address to seamen, especially the rising youth... *Newcastle: W. & T. Fordyce* [1844?]. 22 p. 16°.

Edinburgh and Leith Seamen's Friend Society. Appeal on behalf of the...society by the Rev. J. Thomson, of Mariners' free church, Leith. [*Leith*, 1863.] 8 p. 8°.

—— [Erection of a mariner's church and schools.] [*Leith*, 1839.] 3 p. 4°.

—— Annual report, no. 6, 7, 9-13, 15-18, 45. (1828/29, 29/30, 31/32, 35/6, 37/8, 42/3, 72.) *Edinburgh*, 1829-72. 8°.

Fletcher (W. J.) The traditional "British sailor." (Nineteenth century. v. 48, pp. 423-45. *London*, 1900.)

Genoa Harbour Mission. Report for 1871/2, '73/4, '78/9. no. [1] 3, 6. [*Glasgow*, 1872-79.] 8°.

—— The colporteur's work among sailors and emigrants. *n. t.-p.* 1 p. 8°.

Gillie (John). The education of north country seamen and officers, past and present. (Nautical Maga. v. 58, pp. 159-171. *London*, 1899.)

Gore (Montague). Sailors' homes. *London: J. Ridgway*, 1852. viii, 9-32 p. 2. ed. 8°.

Glasgow Seamen's Friend Society. Annual report, no. 2-3, 7. (1823/4-24/5, 28/9). *Glasgow*, 1824-29. 8°.

—— [Organization and regulations.] [*Glasgow*, 1822.] 4 p. 8°.

Great Britain.—*British Seamen Committee.* Report of committee to consider the question of engagement and discharge of British seamen at continental ports within the home trade limits. *London*, 1897. x pp. f°. C.—8577.

—— Same. Minutes of evidence, appendices, and analysis of evidence. *London: Eyre & Spottiswoode*, 1897. 2 l., 187 pp. f°. C.—8578. (Bd. of Trade.)

—— *Manning of Merchant Ships, Committee on.* Report of the committee appointed by the Board of trade to inquire into...Reports, 1, 2, 3. *London: Eyre & Spottiswoode, prtrs.*, 1896. (C.—8127, 8128, 8129.)

Greenock Seaman's Friends' Society. Annual report, 1821, '29-33. nos. 2, 9-14. *Greenock*, 1821-34. 8°.

Greenwich Hospital. A description with a short account of the establishment. [*London*,] 1797. 48 pp. nar. 12°.

—— —— [*London*,] 1810. 48 pp. 8°.

—— —— *London*, 1820. 59 pp. 12°.

—— —— [*London*,] 1839. 24 pp. nar. 12°.

Hall (Benjamin T.) Socialism and sailors. 15 pp. *London: The Fabian Society*, 1893. 8°. (In: Fabian Society, London. Fabian tracts, 1-67. *London*, 1884-'96. no. 46.)

Seamen, cont'd.

[**Hodges** (W.)] Great Britain's groans; or, An account of the oppression...of the loyal seamen of England...[Dedication signed W. Hodges.] [*London*,] 1695. 2 p.l., 26 pp., 1 l. 12°.

Hurd (Archibald S.) Volunteers for the fleet. (Nineteenth Century and After. v. 55, pp. 1020–1029. *London*, 1904.)

Johnson (H. M. W. P.) Thrift and nautical charities; read at the London Chamber of Commerce on the 24th November, 1898. [*London: Pewtress & Co.*, 1898.] 40 p. 8°. (Shipmasters' Society, London. Course of papers. No. 59.)

Letter (A) to the mayor of———. Wherein the discouragements of the seamen...in his Majesty's navy, and the merits of the bill...for their relief, are impartially examined, by a member of Parliament. *London: R. Baldwin*, 1758. 2 p.l., 63 pp. 8°.

[**M.** (R.)] The seaman's friend, containing advice and instruction, together with an account of old shipmates taken from facts. By a clergyman of the Church of England...[Signed R. M.] *Chelsea* [*Religious Tract Society*, 1840]. 24 p. 16°. (tract no. 149.)

McHardy (C. McL.) British seamen, boy seamen and light dues. *London: Navy League*, 1899. 3 p.l., 54 p., 1 l., 3 tab. 8°. (Navy League.)

McKirdy (J.) Our seamen: how to get and how to keep them. *London*, 1890. 16 p. 8°. (Shipmasters' society, London. Course of papers. no. [4.])

Marine Society, London. The bye-laws and regulations of the...Society incorporated in 1772 ...*London*, 1775. 1 p.l., xxxii, 258 p., 1 pl. 16°.

—— The Bye-laws and Regulations.. with the several instructions, forms of indentures and other instruments used by it...*London*, 1762. xxi, 149 p. 4. ed. 16°.

Marshall (H. M.) Letters between 1836 and 1838... to the Rt. Hon. Lord Mayor of... London, respecting shipwrecked and distressed seamen; also relative to persons who assume that character, and are frequently begging in the streets. *London: G. Luxford*, 1838. 16 p. 8°.

Missions (The) to Seamen, London. Report for 1895, 1905 received at the 40, 50 annual meeting 1896, 1906. *London* [1896–1906]. 8°.

Naval Medical Supplemental Fund. Reports and suggestions of the committee appointed to investigate the affairs of the... Fund. *London*, 1843. 2 l., 54 p. 12°.

Perth Seamen's Friend Society. [Report, 1827. *Perth*, 1827.] *n. t.-p.* 8°.

Pike (Godfrey Holden). Among the sailors during the life and reign of the queen. By G. H. Pike, with contributions by A. Weston, J. Gritton, D.D., and E. W. Matthews. Dedicated by permission to Her Majesty the Queen. *London: Hodder & Stoughton*, 1897. 3 p.l., ix–xxiv, 328 p., 1 port. illus. 12°.

Plimsoll (Samuel). Our seamen. An appeal. Cheap ed. *London: Virtue & Co.*, 1873. vi, 121, 16 p. 12°.

—— Our seamen: speeches and facts. [*London:*] *G. Kelly & Co.* [pref. 1876.] 106 p. 12°.

Proposal (A) for the encouragement of seamen to serve more readily in His Majesty's navy, for preventing of desertion, supporting their wives and families... *London: A. Millar*, 1758. vi, 7–32 p. 8°.

R. The diminution of British seamen. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 11–13.)

Rights of the sailors vindicated [by Nauticus]. *London*, 1772. 8°.

[**Rowe** (Peter).] A true method, I. For raising of souldiers. II. For bringing those seamen that are in the land into the navy. III. For the increase of seamen... [By P. Rowe.] *London: J. Nut*, 1703. 1 p.l., 22 p., 1 pl. 12°.

Sailors' (The) moorings: prospectus for a merchant seamen's asylum hospital for aged, decrepit, infirm and disabled sailors and steamers of the commercial navy, or merchant sea service, whose circumstances require a refuge from the storms of adversity and infirmity. [*London*, 1843.] 20 p. 8°.

Sayous (André E.) Le marin anglais. *Paris: Fédération des Industriels et Commerçants Français*, 1905. 2 p.l., 163 p. 12°. (Fédération des industriels et des commerçants français.)

Scottish Sailors' and Soldiers' Bethel Flag Union. Report no. 1–3. 1835/36, 39/40, 42/3. *Edinburgh*, 1836–43. 8°.

no. 1 is called annual report; no. 3 contains list of subscriptions and donations from 1839–1843.

[**Shedd** (William).] To the friends of seamen and friends of humanity in the United Kingdom of Great Britain and Ireland. Benevolent individuals and societies of New Orleans... application to their friends abroad for pecuniary assistance. [*Dundee*, 1825.] 2 l. 4°.

Smith (Fitz-Henry), *jr.* Liability in the admiralty for injuries to seamen. (Harvard Law Rev. v. 19, pp. 418–444. *Boston*, 1906.)

Smith (G. C.) British fleets and English prospects respecting sailors... in reference to religious instructions... The whole designed to advocate the national advantages of the Sailor's Home Episcopal Institution in Well st.... and a Sailor's Temperance Asylum Harbour... and a Sailor's Anchorage or General Establishment in Commercial Road... [*London: J. Pearce*, 1839?] iv, 40 p. 8°.

United Society, for the Relief of Widows and Children of Seamen, Soldiers, Marines, and Militiamen, London, Eng. A list of the subscribers to the United Society, for the Relief of Widows and Children of Seamen, Soldiers, Marines, and Militiamen, who may fall in battle, or die in the actual service of their King and Country during the present war. Instituted February 19th, 1793... Together with the Resolutions and Rules of the Society, the sums subscribed, and the application of such part of the funds as have been distributed, expended, or invested, from the date of its institution to the 17th of February, 1794. [*London*,] 1794. 1 p.l., xvi, 54 p. 8°.

Weston (Agnes E.) Say "Au Revoir but not Good Bye!" [An appeal in behalf of The Royal Sailors' Rest, Portsmouth, Eng. *London: Hudson & Kearns*, 1900.] 24 p. 16°.

Netherlands.

Breggen (Karel Frans August van der). *Ziekte of verminking van schepelingen. (Aan-

Seamen, cont'd.

teekeningen op Art. 423 W. v. K.)... viii, 87 p. *Amsterdam: de erven H. van Munster & Zoon*, 1888. 8°.

Zeemanshuis te Amsterdam. Verslag, 1858. (Ter voldoening aan art. 5 van de voorwaarden der geldleening, luidende van den staat der inrigting wordt jaarlijks verslag gegeven.) [*Amsterdam: C. A. Spin & Zoon*, 1859?] 1 p.l., 12 p., 1 l. 8°.

Sweden.

Skandinaviska och Finska Sjömansmissionen. Hvart skola vi gå? Adressbok för sjömän, utgifven på föranstaltande af den Skandinaviska och Finska Sjömansmissionen. Stockholm. Köpenhamn. Bergen. Helsingfors. 1892. *Stockholm* [1892]. 58, vi p. 24°.

United States.

American Seamen's Friend Society. Annual report. no. 1, 3, 11–12, 15, 18, 22, 25, 27–30, 32–62, 64–78 (1828/9, 1830/1, 1838/9–1839/40, 1842/3, 1845/6, 1849/50, 1852/3, 1854/5–57/8, 1859/60–1905/6). *New York*, 1829–1906. 8°.

Reports nos. 1–47 are printed as separates and also as numbers of the "Sailor's Magazine and Seamen's Friend;" from 48 on the reports in the "Sailor's Magazine" are summaries only.

—— The Sailor's Magazine and Seamen's Friend. v. 1, 3, 11–12, 15, 18, 22, 25, 27–30, 33–79. (1828/9, 1830/1, 1838/9–1839/40, 1842/3, 1845/6, 1849/50, 1852/3, 1854/5–7/8, 1859/60–1901.) *New York*, 1828–1907. 8°.

—— The Life Boat, published by the American Seaman's Friend Society. v. 1, nos. 1–8 (Jan.–Aug. 1858); v. 3, nos. 9–12 (Sept.–Dec. 1860); v. 4–6 (1861–5); v. 7, nos. 1–3, 5–12 (Jan.–Mar., May–Dec. 1866); v. 8 (1867)–date. *New York*, 1858–date. (In: Sailor's Magazine and Seamen's Friend, for corresponding years.)

—— An inquiry in regard to the shipping law and its administration in the port of New York. Report of a special committee of the trustees of the American Seamen's Friend Society, appointed under a resolution of November 26, 1873, presented to the board and unanimously adopted January 19, 1874. *New York*, 1874. 50 p. 8°.

—— 1828–1878... Notes of fifty years' efforts for the welfare of seamen. *New York* [1878]. 111 p. New ed. 16°.

—— Ship's libraries, their need and usefulness. *New York* [1878]. 3–34 p. 16°.

—— —— *New York*, [1880]. 3–34 p. 5. thousand. 16°.

Herrick (*Rev.* S. E.) Christ for the sailor—the sailor for Christ; a discourse before the American Seamen's Friend Society, at its fifty-sixth anniversary, Sabbath evening, May 4th, 1884,... In the Broadway Tabernacle, Sixth Avenue and 34th Street. *New York: The Society*, 1884. 11 p. 8°.

Van Dyke (Henry [Jackson]), *jr.* The sea: the men upon it, and the God above it. A discourse ... May 8, 1898. *New York: Amer. Seamen's Soc.*, 1898. 12 p. 8°. (American Seamen's Friend Society.)

Army and Navy Auxiliary, Washington, D. C. Annual report for 1888–89. Nos. 1–2. *Washington*, 1889–90. 24°.

Atlantic Coast Seamen's Union. Year book and report. 1901. [*Boston*, 1901.] 8°.

Boston Port and Seamen's Aid Society. Annual report of the managers, no. 1, 3, 11, 14 (1868, 70, 78, 81). *Boston*, 1868–'81. 8°.

Continuing the "Boston Port Society" and the "Seaman's Aid Society" of Boston united in 1867.

Boston Port Society. Annual report of the managers, no. 3, 7, 15, 18, 20, 22, 24, 28. (1830, 36, 44, 47, 48/9, 51, 53, 57/8.) *Boston*, 1832–1858. 8°.

No. 3 reads—"An account of . . . and proceedings at 3. anniversary." From 1867 continued as "Boston Port and Seaman's Aid Society."

Boston Seamen's Friend Society. Annual report of the Board of Managers, no. 2–5, 26–28, 31, 42. (1829–1832, 50/1, 53/4, 56/7, 58/9, 66/7, 69/70.) *Boston*, 1830–70. 8°.

For Abstracts of annual reports, see: Sailor's Magazine and Seamen's Friend, published by American Seamen's Friend Society.

Catholic Sailors' Library and Reading Rooms, New York. Official souvenir. [*New York*, 1894?] 13 p., 5 port. 4°.

Currier (Richard D.) The Sailor's Log. Second Edition. Compiled by Richard D. Currier, Attorney and Proctor for the Seaman's Branch of the Legal Aid Society, 1 Broadway, Washington Building, New York City, August 1st, 1906. *New York: Legal Aid Society* (*Seamen's Branch*), 1906. 62 p., 3 blank leaves. 12°. (map of lower New York City on last cover.)

Dewey (Orville). The character and claims of sea-faring men: a sermon. 19 p. *New York: C. S. Francis & Co.*, 1845. 8°.

Forbes (Robert Bennett). Appeal to merchants and shipowners on the subject of seamen; a lecture. *Boston*, 1854. 8°.

International Seamen's Union of America. Proceedings of the annual convention. 4th (1899). *Chicago*, 1899. 8°.

Jewell (J. G.) Among our sailors. With an appendix containing extracts from the laws and consular regulations governing the United States merchant service. *New York: Harper & brothers*, 1874. 311 p. 12°.

Johnson (J. A.) The American sailor. An address delivered at the National conference of Seamen's aid societies at Boston, Mass., Oct. 26, 1899. *New York* [1899]. 15 p. 8°.

Ladies' Seamen's Friend Society of the Port of San Francisco, Cal. Annual report no. 40. (1895/6). *San Francisco*, 1896. 8°.

Ladies' Union Mission School Association. Annual report for 1874, 77–78, 88–89. No. 2, 5, 7, 17–18. [*Albany*,] 1874–1890. 24°.

Marine Bible Society of New-York, auxiliary to the American Bible Society. Constitution. . with an address to merchants and masters of vessels and an address to seamen. *New York*, 1817. 16 p. 8°.

Mariners' Church. [Resolution and address at a meeting for the purpose of establishing the Mariners' church. *New York*, 1818] 12 p. 8°.

Mariner's Family Industrial Society. New York. Memorial of the board of counsellors of the society to the legislature of the state of New York, May 10, 1854. [*New York*, 1854.] 8 p. 8°.

Seamen, cont'd.

National Seamen's Union of America. The red record. A brief resumé of some of the cruelties perpetrated upon American seamen at the present time. *San Francisco* [1895]. 20 p. 8°.

New York Bethel Union. Report. No. 4 (1824). *New York*, 1825. 8°.

New York State Soldiers and Sailors' Home, Bath, N. Y. Annual report, 1878–date. (In: New York State collected documents, *passim.*)

—— —— Same, separate, 1885/6–1888/9, 1893/4–95/6, 1897–8, 1899/1900–1902/3. *Albany*, 1887–1904. 8°.

—— By-laws and rules and regulations, 1888. *Bath*, 1888. 25 p. 8°.

—— Indelible photographs [and descriptive text]. *Bath* [1890]. 2 l., 16 pl. obl. 24°.

Paulding (J. K.) What shall be done for our sailors? *New York: Freytag Print. Co.*, 1898. 31 p. 12°.

Payson (Edward). An address to seamen, delivered...at the request of the Portland Auxiliary Marine Bible Society. *Portland: Thayer, Tappan & Stickney*, 1821. 16 p. 8°.

Potter (Alonzo), *bishop of Penna.* A sermon before the Churchman's Missionary Association for Seamen of the port of Philadelphia. Preached... February 20, 1848, in St. Andrew's church. *Philadelphia: R. S. H. George*, 1848. 23 p. 12°.

Protestant Church Missionary Society for Seamen. Annual report of the board of managers ...1844/5–63/4, 73–4, 85/6, 87–8, 89–90, 92/3–1904/5. No. 1–20, 30, 42–46, 48–61. *New York*, 1845–[1905]. 12°, 8°.

VINTON (A. H.) A sermon preached at the anniversary of the P. E. Missionary Society for Seamen...April 30, 1848. *New York*, 1848. 18 p. 16°.

Remarks on the scarcity of American seamen, and the remedy; the naval apprenticeship system; a home squadron, &c., &c. By a gentleman connected with the New York press. *New York: Herald Office*, 1845. 1 p.l., 38 pp. 8°.

Romeyn (John Brodhead). A sermon, delivered in the Middle Dutch church . . . March 21, 1819, for the benefit of the New York Marine Missionary Society . . . *New York: J. Seymour*, 1819. 24 pp. 8°.

Sailors Snug Harbor, Boston. Report, with list of officers, act of incorporation, by-laws, etc. *Boston*, 1889. 8°.

Sailors' Snug Harbor, New York. Copy of the last will and testament of the late Robert Richard Randall, of the act of incorporation, and of the other acts of the legislature of the State of New York respecting the . . . Harbor: together with the names of the persons who have acted as trustees of the same,—with their by-laws, etc. *New York*, 1848. 69 p., 1 pl. 8°.

—— Copy of the last will and testament of . . . R. R. Randall, of the act of incorporation and of the other acts of the legislature of the state of New York respecting the Sailors' Snug Harbor . . . *New York*, 1900. 47 pp. 8°.

—— Annual report. 1815–1816, 1818, 1820–1822, 1824–1841, 1843–1844, 1846–1851, 1857, 1860–1862, 1864–1865, 1867–1871, 1873–1883, 1885–1900, 1903–1904. (In: New York State Legislative Documents.)

Reports not noted above were apparently not printed.

—— Separate. 1832, 1835–38, 1844, 1847–50, 1857, 1860–61, 1865, 1870–71, 1873–75. [*Albany*, 1833–76.] 8°. (Senate and Assembly docs.)

—— New York. By-laws. *New York*, 1898. 8°.

San Francisco Port Society. Proceedings at the anniversary no. 32. (April 24, 1892.) *San Francisco* [1892]. 12°.

Scandinavian Sailor's Temperance Home, Brooklyn. Annual report with the by-laws for 1890/91–94/5, '97/8–1900/1. Nos. 3–7, 9–12. *Brooklyn*, 1891–1901. 8°.

Seamen's Aid Society of the city of Boston. Annual report, 1836–38, 40, 42–56, 58, 60, 62–63. Nos. 4, 6, 8, 10–24, 26, 28, 30–31. *Boston*, 1836–63. 8°.

Continued from 1867 as Boston Port & Seamen's Aid Society.

Seamen's Christian Association of the City of New York. Annual report, [1890]–1904/5. No. 2–17. [*New York*, 1890–1905.] 8°.

Seamen's Fund and Retreat, New York. Report as to the finances and management of the . . . retreat, from its establishment, in 1831, to Jan., 1854. *New York*, 1854. 55 p. 8°.

—— Annual report. 1844–5, 1862, 1867, 1869, 1872–3, 1880. *New York*, 1845–1881. 8°.

—— —— 1884–5, 1867. (In: New York State Collected Documents.)

Seamen's Hope Circle. Annual report, 1895–1900. No. 3–8. [*New York*, 1895–1900.] sq. 24°.

Seamen's Union of America. Memorial to the honorable the Senate of the United States. *Washington, D. C.*, 1897. 8 p. 8°.

Society for Promoting the Gospel among Seamen. Annual report, 1859–60, '62, '65, '75–1906. Nos. 41–42, 44, 47, 57–88. *New York*, 1859–[1906]. 16°.

[**Sullivan** (Thomas V.)] Scarcity of seamen. [By T. V. Sullivan.] [*Boston: J. Howe*, 1854?] 32 p. 2 ed. 8°.

Truair (John). A call from the ocean; or, An appeal to the patriot and the Christian in behalf of seamen. *New York: Amer. Seamen's Friend Soc.*, 1826. 34 p. 8°.

Vessel Owners' and Captains' Co-operative Association of New York. Preliminary proceedings and formation with the constitution and by-laws . . . *New York*, 1869. 16 p. 8°.

Vivarttas (A.) America at sea. A retrospect *New York: P. F. McBreen*, 1882. 20 p. 8°.

Webb's Academy and Home for Ship Builders. New York. Annual report. No. 1–11 (1888/95–1904/5). *New York*, 1895–[1905]. 8°.

SIGNALLING.

Adamson (*Capt.* H. H.) Suggested signals to show the course of a steamship in foggy weather by means of long and short blasts on the "whistle." *London*, 1894. 18 p. 8°. (Shipmaster's society, London. Course of papers no. 31.)

Signalling, cont'd.

Anderson (F. B.) The coast signal system. (Proc. U. S. Naval Inst. v. 25, pp. 727–745. *Annapolis*, 1899.)

Arnaud (Charles). Projet de signaux phoniques pour prévenir les abordages sur mer en temps. (Bull. Soc. scientif. indust. de Marseille. année 27, pp. 17–22. *Marseille*, 1899.)

Belgium.—*Marine, L'Administration de la.* Code international de signaux. Liste des navires belges . . . 1879–97. *Bruxelles*, 1879–97. 8°.

Beriel (P.), *and others.* Les servitudes des sémaphores et de la législation des places de guerre. Par P. Beriel, M. Lachenaud, et P. Soleil. (Revue maritime. v. 170, pp. 15–53. *Paris*, 1906.)

Chapman (H. C.) Letter on signal lights. Repr. from the Westminster Review, no. 82. (In: Lamport (W. J.) A treatise on collisions at sea. *Liverpool*, 1845. pp. 22–23. 2. ed. 8°.)

China.—*Statistical Department.* Report on sound trials of the sirens at the southeast and northeast Shantung promontories. *Shanghai*, 1895. 7 p. 4°. (Special series. no. 19.)

Clayton's fog-signalling apparatus. (Engineering. v. 75, pp. 746. *London*, 1903.)

Cloudman (F. A.) A plan for ocean signals, lightships and life-saving stations adapted for coast and deep sea service . . . With editorial comments from the leading American journals. *Rondout, N. Y.: Kingston Freeman Steam Print* [1885]. 15 p., 1 pl. 8°.

Cranstoun (8. *baron*), JAMES CRANSTOUN. This code of signals was compiled by an officer, from memorandums, while on service. His only Wish is, that some Commander in Chief may think they possess Merit, and be induced to adopt them till a better is made public. [*London?* 1796?] 55 p., 3 pl. 8°.

MS. note in a contemporary hand on the title-page: "By Lord Cranstoun, a few weeks before his death in 1796."
The plates are colored by hand.

Darmer (D.) Sturmwarnungen für Hochseefischerei und Küstenschiffahrt an den Küsten von Ost- und Westpreussen. (Annalen der Hydrographie u. Maritimen Meteorologie. Jahrg. 27, pp. 290–304. *Berlin*, 1899.)

Evolution (The) of modern signalling. By "Telescope." (United Service Maga. v. 152, (n. s. v. 31), pp. 581–589. *London*, 1905.)

Finland.—*Statistik Byrån.* Bidrag till Finland's Officiela Statistik. [ser.] 15. Lots-och Fyrin rattningen. nos. 2, 9–11. *Helsingfors*, 1888–98. 4°.

Fiske (Bradley A.) The Fiske semaphore system. (Proc. U. S. Naval Inst. v. 29, pp. 679–697. *Annapolis*, 1903.)

France. Reglement du roy, sur les pavillons, flames, et autres marques de commandement & reconnoissance, que Sa Majesté veut estre portez par ses Vaisseaux: mesme pour les Saluts qu'Elle veut estre donnez & receûs par lesdits Vaisseaux. Du 9. Juillet 1670. *A Paris: Par Sebastien Marbre-Cramoisy, Imprimeur du Roy*, 1671. 4 p. 8°.

—— *Instructions Nautiques, Service des.* Code International de Signaux à l'usage des bâtiments de toutes nations. Edition française. *Paris: Imp. Nationale*, 1888. xxv, 178, 318, 34, 34A–34C, 35–51 p. illus. 8°. (Marine, Dept. de la.)

Gedye (N. G.) Coast fog signals. (Engineer. v. 94, pp. 18–19; 69–70; 95–96. *London*, 1902.)

Germany.—*Marine Amt.* Flaggen-, Salut- und Besuchs-ordnung für die Kaiserliche Marine (Fla. S. B. O.). *Berlin; Reichs-Marine-Amt*, 1904. xii, 112 p., 1 pl., 4 tab. 12°.

Gilson (Henry Robbins). Submarine signaling. illus. diagrams. (Technology quarterly, v. 18, pp. 365–381. *Boston*, 1905.)

Gower (Richard Hall). Treatise on the theory and practice of seamanship, together with a system of naval signals... *London: Wilkie & Robinson*, 1808. xxvii, (1) 242 p., 1 l. illus. 3. ed. 8°.

Great Britain.—*International Code of Signals Committee.* Third and final report of the Committee to the Secretary of the Board of Trade. 16 p. *London: Eyre & Spottiswoode, printers*, 1897. f°. (Bd. of Trade.)

—— *Trade, Board of.* The commercial code of signals, for the use of all nations: Rogers' American edition and flags, with the British vocabulary. Edited by Henry J. Rogers, and Walter F. Larkins. *London: G. E. Eyre and W. Spottiswoode; Baltimore, Md., U. S.: Henry J. Rogers & Co.*, 1859. 2 p.l., 20 l., 328 p., 1 l. hf. sh. 8°.

—— —— The commercial code of signals for the use of all nations. Edited by W. F. Larkins. rev. and corr. *London: William Mitchell*, 1868. xx, 245 p., 4 pls. 8°.

—— —— The commercial code list... for the use of ships at sea, and for signal stations. *London: Wm. Mitchell*, n. d. 8°. (Great Britain. Trade, Board of. 1869.)

—— —— Instructions as to the survey of lights and fog signals. *London: Darling & Sons, ltd., prtrs.*, 1900. 1 p.l., 14 p. 8°.

—— —— Same. *London*, 1904. 40 p., 4 diagr. 8°.

—— —— The international code of signals for the use of all nations. *London: Spottiswoode & Co.* [1899.] 3 p.l., xvi, 372 p. 4°.

—— *Trinity House Fog Signal Committee.* Report...on experiments conducted at St. Catherine's Point, Isle of Wight, 1901. *London: Darling & Son, ltd., prtrs.*, 1901. 82 p., 8 diagr., 5 pl. pap. f°.

—— *War Office.* Army and navy signal book. For use with the boats of H. M.'s ships and naval and military forces... *London: G. E. Eyre & W. Spottiswoode, prtrs.*, 1869. [309] p. 24°.

Greene (B. Franklin). Chronosemic signals. A system of fog signals, for the signal code of the United States Navy, and adapted to general signal communication. *Washington: Govt. Prtg. Office*, 1864. 22 p. pap. 8°. (U. S. Navigation Bur.)

—— International code of signals for the use of all nations. Amer. ed. *Washington*, 1875. pl. 8°. (U. S. Navy Dept. Bur. of Nav.)

[**Greenwood** (Jonathan).] The sailing and fighting instructions or signals as they are observed in the Royal Navy of Great Britain. [*London*,

Signalling, cont'd.

1715 ?] 72 engraved plates. 16°. (Gr. Br. Admiralty, Lord Comrs. of.)

Except the first two and the last all plates are engraved on one side, signal flags on men o' war being colored by hand.
This copy contains signature of "Capt. Brett" (John Brett, 1785) and the bookplate of Constantine John [Phipps] Baron Mulgrave of New Ross in the Kingdom of Ireland.

[**Griffin** (S. P.)] Sound signals to indicate the courses steamers are steering during periods of fog ... in use four years on several lines ... *n. t.-p.* [*New York*, 1880?] 2 l. 24°.

Henry (Joseph). On sound in relation to fog-signals. (In: Washington Philos. Soc. Bull., v. 2. 1875–80.)

—— Researches in Sound: with special reference to fog-signaling. (In: Smithsonian Institution. Report, 1878. pp. 455–559. *Washington*, 1879. 8°.)

From the annual reports of the U. S. Light-House Board.

Herrmann (E.) Lord Rayleigh's Untersuchungen über den Schall in Hinsicht auf Schallsignale. (Annalen d. Hydrographie u. maritimen Meteorol. Jahrg. 33, pp. 540–546. *Berlin*, 1905.)

International Code of signals. *See* **United States** Navigation Bureau, International Code, etc.

Jenkins (H. D.) The lights and tides of the world, including a description of the fog-signals. Compiled from the latest official authorities, both British and foreign. *London: J. Imray & Son*, 1900. xv, 571, 32 p., 1 map, 1 pl. sq. 4°.

—— —— Supplement, 1900–02. *London: J. Imray & Son*, 1901–03. sq. 8°.

Jenks (R. W.) The brachial telegraph. An original method of conversing and signaling on land and at sea, by means of the human arms... *New York: H. Sanders & Co.*, 1852. 5–54 p. 8°.

Johnson (Arnold Burgess). Aberrations of audibility of fog-signals. A paper read before the Philosophical Society of Washington. Oct. 22, 1881. *Washington: Judd & Detweiler*, 1882. 22–37 p., 1 map. 8°.

Repr. from the Trans. of the Philosophical Society.

—— Sound-signals. Reprinted from "The Annual Cyclopædia," 1883. *New York: D. Appleton & Co.*, 1884. 719–734 p. illus. 8°.

—— Recent investigations by the light-house board on the anomalies of sound from fog signals. Plates. (Bulletin of the Philosophical society of Washington. v. 5, pp. 23–37.) (Smithsonian Inst. Misc. coll. v. 25 (no. 503), *Washington*, 1883.)

Karrass (Th.) J. B. Millet's Unterwasser-Signaleinrichtungen. (Elektrotechn. Ztschr. Jahrg. 26, pp. 882–884. *Berlin*, 1905.)

Kenward (James). Recent improvements in ship signal-lights. *Birmingham, Eng.: Herald Press*, 1884. 159–178 p., 1 l. 8°.

Reprint: Birmingham Philosophical Soc. Proc. v. 4, part 1, p. 159.

Konvalinka (Joseph George). The hand telegraph. A superior method of conversing at great distance on land and at sea. With...valuable chapters on abbreviations and secret correspondence. *Astoria, L. I.: The Author*, 1865. 24 p., 6 l. illus. 16°.

Lahille (F.) Preparacion de un atlas talasográfico para el fomento de las industrias maritimas. *Buenos Aires: Impr. de "La Nacion,"* 1901. 3 p.l., 80 p., 3 pl. 4°. (Argentine Republic. Agricultura, Ministero de.)

Livermore (William R.) Report upon fog-signal experiments. [*Washington*, 1894.] 271–376 p., 74 pl. (U. S. Light House Board. Appendix 5. Report, 1894.)

Macdonald (John). Treatise explanatory of a new system of naval, military, and political telegraph communication. *London*, 1817. 8°.

Marryat (Frederick). Code of signals for the use of vessels employed in the merchant service; including a cypher for secret correspondence. 4. ed. Added, a list of the agents to Lloyd's. *London*, 1826. col. pl. 8°.

—— The universal code of signals for the mercantile marine of all nations; with a selection of sentences adapted for convoys, and systems of geometrical, night and fog signals, by G. B. Richardson. *London*, 1864. 4°.

Martensen (H. A.) Almindelig Signal-Bog til Brug for alle Nationer.' *Kjöbenhavn*, 1825. 8°.

Matthiessen (Ludwig). Theorie der atmosphärischen Refraction und Totalreflexion der Schallwellen und ihre Bedeutung für die Nautik. 13 p. illus. (Kais-leop-carol. deutsche Akad. d. Naturforscher. Abhandl. v. 74, pp. 457–469. *Halle*, 1899.)

Mechanical fog signalling apparatus. (Engineer. v. 88, pp. 465–466. *London*, 1899.)

Millet (Josiah B.) Submarine signalling by means of sound. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 256–268. *London*, 1905.)

—— —— (Jour. Soc. of Arts. v. 54, pp. 642–651. *London*, 1906.)

—— —— (Engineering. v. 79, pp. 651–953. *London*, 1905.)

Modera (J.) Onderlinge vergelijking der Nederlandsche werken over de zee-takiek en der seinboeken voor de Nederlandsche zeemagt van 1808 en 1855; in alphabetische orde zamengesteld... *Te Amsterdam: Wed. G. Hulst van Keulen*, 1856. 61 p., 1 pl. 8°.

Overgedrukt uit Verhandelingen en Berigten betrekkelijk het Zeewezen en de Zevaartkunde, door Jacob Swart, Jaargang 1856, no. 1.

Mundy (A. J.) Acoustic triangulation and its application to submarine signalling... *Boston: J. B. Millet*, 1900. 16 p. 4°.

Mustin (H. C.) Single display tactical signals. (Proc. U. S. Naval Inst. v. 29, pp. 203–212. *Annapolis*, 1903.)

National Board of Steam Navigation. Minutes of a meeting held...1893 to suggest the signal lights to be carried by barges and canal boats in tow... *Philadelphia*, 1893. 11 p. 8°.

Netherlands. Alle de Generaale en Particuliere Zeijnen (Instructien, Waarschouwinge en Orders) gedaen en geobserveert soo wel Bydage als By Nagt, in mist, en ten tijde van Gevegt in en bij het Esquader van den Hoog wel Gebooren Heere Willem Baron van Wassenaer schout Bij Nagt van Holland en West-Vriesland en Cheff

Signalling, cont'd.

commandeerende het Esquader Oorlog Scheepen in de middelandsche Zee, teegens de Zee Roovers van Algiers. A°. 1756 & 1757. (48) l. 8°. MS. on paper. Bound in vellum.

Indexed to show 29 signals by cannon, flag, or lantern. Last 6 leaves consist of 3 folios containing fighting instructions, folded down to same size as the others.

New (The) rule of the road, being the regulations for preventing collisions at sea, 1897, with vessels' lights as seen by a look out man, sound signals, etc. *Portsmouth: J. Griffin & Co.*, 1897. 16 p., 3 pl. 8°.

Niblack (H. P.) The signal question once more. (Proc. U. S. Naval Inst. v. 28, pp. 553–563. *Annapolis*, 1902.)

Parker (John R.) The new semaphoric signal book, in included parts: containing the marine telegraph system, with the appendix, the United States telegraph vocabulary, embracing Marryatt's telegraph signal numbers, as adopted by the British and French governments... *Boston: Kidder & Wright*, 1841. v, 6–106 p., 1 l., 15 p., 1 l. 2. ed. 8°.

Phares et signaux sonores Sautter-Harlé et Cie. (Rev. tech. Annales d. trav. pub. & d. Chemins de fer. v. 21, pp. 409–414. *Paris*, 1900.)

Phillipps (H. Cranmer). A code of universal naval signals, calculated to afford the means of communication between ships of all nations...in which are included night signals...and for a semaphore or telegraph...with a cypher for secret correspondence. *London: Longmans*, 1835. xvi, 150 p., 1 l., 3 pl. 8°.

Pickering (John). Lecture on telegraphic language, before the Boston Marine Society. *Boston*, 1833. pl. 8°.

Plan de señales del morro de la Habana. *n. t.-p.* [*Habana?* 18—?] 3 circular plans, each 7⅛ in. diameter.

Popham (*Sir* Home [Riggs]). Telegraphic signals; or, Marine vocabulary. *London: T. Egerton*, 1809. 2 p.l., ii, 3–113 p., 1 pl. 8°.

Price-Edwards (E.) Sound signals. (Jour. Soc. of Arts. v. 50, pp. 315–327. *London*, 1902.)

Description and history of the experiments and results in marine sound signalling.

Raper (Henry). A new system of signals, by which colours may be wholly dispensed with... *London: Saunders & Otley*, 1828. 2 p.l., xx, 129, 3 p., 6 l., 1 pl. sq. 4°.

Reinecke (F.) Deutsches Flaggenhandbuch. Flaggenrecht und Flaggenzeremoniell nach den neuesten deutschen und internationalen Bestimmungen. *Hannover: Hahnsche Buchhandlung*, 1900. xv, 158 p., 1 port. 12°.

Reynold de Chauvency (Charles de). Reynold's code: polyglot nautical telegraph for the use of men-of-war and merchant vessels...[translated from the Fr.] *London*, 1855. col. pl. 8°.

Rogers (Henry J.) The American code of signals, for the use of vessels employed in the merchant service. *New York*, 1854. col. pl. 8°.

—— —— 2. ed. *Baltimore*, 1855. 8°.

—— Rogers' life-saving signal book: or, Appendix to the American code; for the use of life-boat stations and vessels in distress, also for making international communications between vessels of different nations, at sea, or off the coast, during periods of calms, light winds, storms or rough weather. *Baltimore: H. J. Rogers & Co.* [1856] 1 p.l., viii, 9–70 p., 3 pls. 8°.

—— Rogers and Black's American semaphoric signal book, for the use of vessels employed in the United States naval, revenue and merchant service. *Baltimore: F. Lucas, jr.* [c. 1847.] xix, 9–334 p., 1 l. 8°.

—— The telegraph dictionary, and seamen's signal book, adapted to signals by flags, or other semaphores: and arranged for secret correspondence, through Morse's electro-magnetic telegraph ... *Baltimore: F. Lucas, jr.* [cop. 1845.] x, 1 l., xi–xii, 9–334 p., 1 l., 5 pl. 8°.

Rohde (Levin Joergen). Systême complet de signaux de jour et de nuit...à l'usage des navigateurs de toutes les nations...Traduction...de Mm. C. Vilsoët et Meldola. *Paris: Eberhart*, 1835. xxviii, 245 p. illus. 8°.

Rouanet (Jules). Nouveau principe de signaux. (Rev. Maritime. *Paris*, 1898. v. 139, pp. 53–57. 8°.)

Schroeder (Seaton). Electro-mechanical battle order telegraph. 5 pl. (Proc. U. S. Naval Inst. v. 25, pp. 747–752. *Annapolis*, 1899.)

Signalling. How to learn the use of the new international code of signals...by flags, semaphore, and distant signals, flag-waving and the Morse code; also...Marconi wireless telegraphy explained. *Glasgow: J. Brown & Son*, 1904. vi, 7–107 p. illus. 4. ed. 12°.

Sound signalling at sea. (Engineering. *London*, 1899. v. 67, pp. 1–3; 105–107. f°.)

Steen (Aksel Severin). Den Richard'ske barografs anvendelighed til stormvarsler Finmarken om vinteren. 14 p. (Videnskabs-selskabet. Forhandl. 1898. no. 2. *Kristiania*, 1899.)

Submarine signalling [by sound]. (Engineer. v. 100, pp. 220–221. *London*, 1905.)

Submarine Signals. I. British Admiralty tests of submarine signalling. II. List of vessels equipped. III. Opinions of British ship owners. *Boston: Submarine Signal Co.*, 1907. 22 p. 8°.

Submarine signals. Description of apparatus; list of signalling stations and list of vessels equipped by the Submarine signal company. *Boston*, 1907. 20 p. illus. 8°.

Sweden.—*Admiralitetet.* Code list, containing the names, &c., of Swedish ships to which signal letters of the commercial code of signals have been allotted. 1880, 1881. *Stockholm*, 1880–81. 8°.

Talbot (Frederick A.) The new submarine signalling for ocean liners. (World's Work and Play. v. 8, pp. 7–11. *London*, 1906.)

United States.—*Coast Signal Service.* Official danger or distress signals; circular. *Washington*, 1878. coll. illus. 8°.

—— *Light House Board.* List of lights and fog signals on the Pacific Coast of the United States... and of the Dominion of Canada on the coast of British Columbia. Corrected to Feb. 11, 1900. *Washington: Govt. Prtg. Office*, 1900. 4°.

—— —— Report upon the intensity of lights to be used by the merchant marine as anchor and run-

Signalling, cont'd.

ning lights. By a committee composed of W. S. Franklin [and others]. [*Washington*, 1891.] 1 p.l., 211–217 p. 8°. (Append. 3. Report 1891.)

—— *Navigation Bureau.* The international code of signals for the use of all nations. Amer. ed. *Washington: Govt. Prtg. Office*, 1882. v. p., 5 col. pl. 4°. (Navy Dept.)

—— Same. Rev. in the Hydrographic Off. 1898.

—— Same. Am. ed., 1901. *Washington*, 1901. 4°. (U. S. Hydrographic Office. Pub. 87.)

—— Same. Amer. ed., 1903. *Washington*, 1903. (U. S. Hydrographic Office. Pub. 87.)

—— —— Navy [and boat] signals. (In: United States.—Navigation Bureau. Boat-book. United States Navy, 1905... *Baltimore*, 1905. p. 80–170. 12°.)

—— *Navy Department.* Signals for the use of the United States: as adopted by order of the Navy Department, August, 1813. *Washington City*, 1813. v. p. 12°.

—— —— Regulations for the government of the coast signal service of the United States. *Washington: Govt. Prtg. Office*, 1898. 18 p. 8°.

—— *Signal Service.* Professional papers of the signal service. *Washington: Govt. Prtg. Office*, 1882–85. no. 1–16, 18. 4°.

—— —— Official danger, distress and storm-signal codes for signal service, sea-coast stations and mariners. *Washington: Govt. Prtg. Office*, 1883. 91 p. 8°. (War Dept.)

—— —— Table showing location of the United States signal service stations on the Atlantic and gulf coasts. *n. t.-p.* sing. sh. 8°.

—— —— United States army and navy code for visual signalling. *n. t.-p.* sing. sh. 8°.

Vreede (C.) "Taktiek, Seinwezen en Richten." (Verslagen d. Marine-Vereeniging. no. 3. Jaarg. 1905–1906. pp. 93–121. *Helder*, 1906.)

SHIPS AND SHIPBUILDING.

History and Statistics.

Assmann (Ernst). Die Schiffsbilder von Althiburus und Alexandria. Illus. (Kais. deutsch. archäol. Inst. Jahrb. v. 21, pp. 107–115. *Berlin*, 1906.)

Arenhold (L.) Die historische Entwicklung der Schiffstypen vom römischen Kriegsschiff bis zur Gegenwart... hrsg. von L. Arenhold. *Kiel: Lipsius & Tischer*, 1891. 24 p., 30 pl. ob. 4°.

Assmann (Ernst). Das Floss der Odyssee, sein Bau und phoinikischer Ursprung... *Berlin: Weidmannsche Buchhandluug*, 1904. 32 p. illus. 8°.

Auquier (Philippe). Pierre Puget, décorateur naval et mariniste... Étude historique sur les travaux du maitre à l'arsenal de Toulon. Catalogue détaillé des dessins de décoration et vues de mer. 36 planches hors texte. *Paris: D. A. Longuet* [1907]. xxv, 30 p., 36 pl. f°.

Bellet (Daniel). Le bateau d'hier, d'aujourd'hui et de demain. (Rev. scientif. ser. 5, v. 6, sem. 2, pp. 456–464. *Paris*, 1906.)

Boehmer (George H.) Prehistoric naval architecture of the north of Europe. (In: U. S. National Museum. Report, 1891. pp. 527–647, 17 pl. *Washington*, 1892. 8°.)

Boisacq (Emile). La triére antique et la guerre navale. (Rev. de l'instruction en Belgique. v. 48, pp. 355–368. *Bruxelles*, 1905.)

Brock (E. P. Loftus). The discovery of an ancient ship at Brigg, Lincolnshire. 1 pl. (Jour. Brit. Archæol. Assoc. v. 42, pp. 279–286. *London*, 1886.)

Charnock (J.) History of marine architecture of all nations. *London*, 1800–02. 3 v. 4°.

Contesse (Georges). La marine d'autrefois... avec une lettre-préface du vice-amiral Miot. *Tours: A. Mame et fils*, 1897. 398 p., 1 l. illus. 4°.

Fifty years of shipbuilding. A review of naval architecture. *n. t.-p.* [*London*, 188–?] 33 p. illus. 8°. (Shipping World Ser.)

Fincati (Luigi). Le triremi... *Roma: Tip. Barbèra*, 1881. 83 p., 10 pl. 2. ed. 8°.

Fincham (J.) A history of naval architecture: to which is prefixed, an introductory dissertation on the application of mathematical science to the art of naval construction. *London: Whittaker & Co.*, 1851. viii, 8 l., ix–lxxxiv, 415 p., 58 p. 4°.

Giraldus (L. G.) Lilii Gregorii Gyraldi Ferrariensis, De re nautica libellus, admiranda quadam & recondita eruditione refertus, nunc primum & natus & æditus. *Basileæ: M. Isingrinius*, 1540. 3 p.l., 306 p. 8°.

Hammer (S. C.), *and* HAAKON NYHUUS. The Viking ship found at Oseberg [Norway, in 1903]. (Century Maga. v. 70, pp. 729–733. *New York*, 1905.)

Holland (W. J.) Boat 4500 years old [discovered at Dahshur, Egypt, buried in a subterranean crypt, presented to the Carnegie Museum, at Pittsburg]. (Biblia. v. 15, pp. 77–79. *Meriden*, 1902.)

Holmes (*Sir* George C. V.) Ancient and modern ships. *London: Wyman and Sons*, 1906. 2 v. 8°. (Victoria and Albert Museum, Science Handbooks.)

Kopecky (Josef.) Die attischen Trieren. *Leipzig: Veil & Comp.*, 1890. viii, 1 l., 154 p. 8°.

Levi (Cesare Augusto). Navi Venete da codici marmi e dipinti con centosei disegni di G. Culluris. *Venezia: A spese dell' autore*, 1892. 285 p., 3 l. 4°.

—— Navi da guerra construite nel' arsenale di Venezia dal 1664 al 1896 con N. 26 disegni tratti dai modelli eseguite in questo secolo. *Venezia: Presso l'autore*, 1896. 2 p.l., 188 p., 3 l., 1 plan, 22 pl., 1 tab. 4°.

Magnússon (Eirikr). Notes on shipbuilding and nautical terms of old in the north. (Saga-Book of the Viking Club. v. 4, pp. 182–237. *London*, 1905.)

Martell (B.) A short account of some of the changes which have been introduced into the types, sizes, and construction of ships during the period of my connection, extending over forty years, with Lloyd's Register of British & Foreign shipping. (Transac. Inst. of Naval Architects. v. 42, pp. 13–27. *London*, 1900.)

La **Nao** Santa María. Memoria de la comisión arqueológica ejecutiva. 1892. Dibujos de R. Monleón. [*Madrid*, 1892.] 92 p., 2 l., 1 port., 5 pl. illus. 4.

Title as above from cover. Second title: [La nao Santa María

Shipbuilding, History, cont'd.

capitania de Cristóbal Colón en el descubrimiento de las Indias Occidentales reconstituída por iniciativa del ministerio de marina y ley votada en Cortes en el arsenal de la Carraca para solemnidad del centenario cuarto del suceso.

Many reproductions of ships, instruments, etc., from fifteenth and sixteenth century sources. Two of the plates give the sail and deck and hull plans.

Paris (M.) Essai sur la construction navale des peuples extra-Européens, ou Collection des navires et pirogues construits par les habitants de l'Asie, de la Malasie, du grand océan et de l'Amérique, dessinés et mesurés pendant les voyages autour du Monde de l'Astrolabe, La Favorite, et l'Artémise. Avec atlas. *Paris*, 1841–45. f°.

Pernice (Erich). Geometrische Vase mit Schiffsdarstellung. 1 illus. (Kais-deutsch. archäol. Inst. Jahrb. v. 15, pp. 92–96. *Berlin*, 1900.)

Ranke (Johannes), *and* AUREL VOSS. Zur Forschung über alte Schiffstypen auf den Binnengewässern und an den Küsten Deutschlands und der angrenzenden Länder. A. Die Schweiz. Illus. plate. (Deutsche Gesellsch. f. Antrop. Ethnol. u. Urgeschichte. Correspondenz-Blatt, v. 33, pp. 36–42. *Braunschweig*, 1902.)

Rota (Giuseppe). L'architettura navale durante il secolo xix. (Rivista marittima. anno 35, pp. 483–520. *Roma*, 1902.)

Schetelig (Haakon). Ship burials. (Saga-Book of the Viking Club. v. 4, pp. 326–363. *London*, 1906.)

Schiffbau (Der) der Welt im Jahre 1901. (Mittheil. a. d. Gebiete d. Seewesens. v. 30, pp. 630–641. *Pola*, 1902.)

Schiffbau der Welt. (Dinglers polytech. Jour. Jahrg. 83, v. 317, pp. 197–202. *Stuttgart*, 1902.)

Schroeder (H.) *Zur Waffen- und Schiffskunde des deutschen Mittelalters bis um das Jahr 1200. Eine kulturgeschichtliche Untersuchung auf Grund der ältesten deutschen volkstümlichen und geistlichen Dichtungen. *Kiel: Lipsius & Tischer*, 1890. 44 p., 2 l. 8°.

Steinitz (Fr.) The ship, its origin and progress, being a general history from its first invention to the latest improvements, forming a complete account of the naval events of the ancients, the middle ages, and the modern epochs to the close of 1848, including the state of the navies of all nations, episodes, and lines of shipping, discoveries, colonization and commerce, with an Appendix containing a concise description of every kind of vessel. Illustrated with 24 plates, representing the ships of all kinds and times, and 10 of coloured flags, also five large diagrams of naval battles, and numerous wood engravings. *London*, 1849. 4°.

Sulla scoperta di due barche antiche, nel comune di Contarina (Rovigo). *n.t.-p.* [*Venezia*, 1901.] 58 p., 3 l., 10 pl. 8°. (In: Reale deputazione Veneta di storia patria. Monumenti storici. Ser. 4. Mis. Ser. 20. v. 7.)

Taylor (Benjamin). The world's ship-building. (Engineering Maga. v. 18, pp. 893–902. *New York*, 1900.)

Torr (C.) Ancient ships. *Oxford*, 1894. 8°.

Traeger (Paul). Zur Forschung über alte Schiffstypen. C. Schiffsfahrzeuge in Albanien und Macedonien. Illus. (Deutsche Gellsch. f. Anthrop. Ethnol. u. Urgeschichte. Correspondenz-Blatt. v. 35, pp. 25–38. *Braunschweig*, 1904.)

Trogneux (G.) Notice historique sur les divers modes de transport par mer. Dessins de H. Derenaucourt. *Paris: E. Plon, Nourrit & Cie.*, 1889. vi, 1 l., 238 p., 1 l. sq. 8°.

Voss (Aurel). Fragebogen zur Emittlung und Beschreibung der noch im Gebrauch befindlichen oder ehemals gebrauchlichen Schiffsfahrzeuge einfachster Bauart und Einrichtung. Illus. (Anthrop. Gesellsch. Mittheil. Sitzungsb. v. 30, pp. 199–202. *Wien*, 1900.)

—— —— (Deutsche Gesellsch. f. Anthrop. Ethnol. u. Urgeschichte, Correspondenzblatt. v. 31, pp. 125–128. *München*, 1900.)

White (*Sir* William Henry). Address of Sir W. H. White...President of the Institution of Civil Engineers. 3. November, 1903. *London: The Institution*, 1903. 170 p., 1 l. 8°.

Repr.: Inst. of Civil Engineers. Minutes of Proceedings.

—— Progress in shipbuilding and marine engineering since 1859. 1 port. (Min. of Proc. Inst. of Civil Engineers. v. 155, pp. 11–169. *London*, 1904.)

Systematic works.

Aesthetic (The) principles of naval architecture. (Engineer. v. 90, pp. 307–308; 429–430; 455; v. 92, pp. 595. *London*, 1900–01.)

Allard (Carel). Nieuwe Hollandse scheepsbouw, waar in vertoond word een volmaakt schip, met alle des zelfs uitterlyke deelen, met een verklaaring der naamen van dien; als mede van alle de touwen, zijlen, &c.: benevens de afbeeldingen van alle de voornaamste vlagen, die men in zee ontmoet...*Amsteldam: C. Allard*, 1695. 56 p., 81 pl. sq. 12°.

Alves Camara (Antonio). Ensaio sobre as construcções navaes indigenas de Brasil...*Rio de Janeiro: G. Leuzinger & Filhos*, 1888. 3 p.l., 209, 2 p., 2 l. illus. 8°.

Art (L') de batir les vaisseaux, et d'en perfectionner la construction...outre les pavillons de divers états. Le tout tiré des meilleurs auteurs hollandois, comme Witsen, van Eyk, Allard. &c. *Amsterdam: D. Mortier*, [1718]–1719. 2 v. in 1. 4°.

Pt. 1–2 of v. 1 have separate t.-p., pagination, and register. v. 2 has title: Les pavillons, ou bannières que la plupart des nations aborent en mer . . .

Art (The) of making masts, yards, gaffs, booms, blocks and oars...including a...rule for mast-makers: also, a new method by which large yards may be made from small trees, and repaired when sprung in the slings, &c....*London: Steel & Goddard*, 1816. viii, 184 p., 2 pl. 2. ed. 8°.

Atwood (E. L.) Text-book of theoretical naval architecture. *London: Longmans, Green & Co.*, 1899. vi, 1 l., 295 p., 1 pl., 1 tab. 12°.

Auquier (Philippe). Pierre Puget [1622–1694], décorateur naval et mariniste, par Philippe Auquier, conservateur du musée des beaux-arts de Marseille. Étude historique sur les travaux du maitre à l'arsenal de Toulon. Catalogue détaillé des dessins de décoration et vues de mer. 36 planches hors texte. *Paris: Ateliers photomécaniques D.-A. Longuet* [1907]. cover, xxv, 30 p.; cover, 1 port., 1 facsim., 34 pl. f°.

100 copies printed.

Shipbuilding, cont'd.

Baugean ( ). Collection de toutes les espèces de bâtimens de guerre et de bâtimens marchands...dessinée d'après nature et gravée par Baugean...*Paris: L'auteur*, 1814. 15 p., 72 pl. ob. 8°.

Becker (Julius Ferdinand). Schiff und Wasser. Betrachtungen über das fahrende Schiff und das Wasser seiner Umgebung. *Hamburg: J. F. Becker*, 1905. 35 (1) p., 1 pl., 2 folded pl. 8°.

Belin ( ), *ingénieur de la marine*. [Plates (76–127) on the design and construction of vessels, followed by: Marine, evolutions navales, 1 l., 7 pl., and: Forge des ancres, 11 p., 1 tab., 13 pl. Fragment in paper cover. *Paris?* 175–?] f°.

Bennati (Luigi). Un applicazione delle nomografia nella teoria della nave. 1 pl. (Rivista tecnica. Anno 3, pp. 665–669. *Torino*, 1903.)

Bertin (L. E.) Der Schiffsmaschinenbau: Grundlagen der Theorie, Berechnung und Konstruktion; auf Grund des Werkes "Machines Marines" von L. E. Bertin bearbeitet von H. Wilda. *Hannover: Gebrüder Jänecke*, 1901. ix, 612 p., 1 pl. 4°.

Blackburn (J.) The theory and science of naval architecture. *Plymouth*, 1836. 8°.

Bland (W.) Hints on the principles for the form of ships and boats. *London*, 1852. 12°.

Bouguer (Pierre). Traité du navire, de sa construction, et de ses mouvemens. *Paris: Jombert*, 1746. xl, 682 p., 12 pl., 2 l. 4°.

Bruhn (J.) Some experiments on structural arrangements in ships. [Methods of construction, or forms of girders which have been submitted to the committee of Lloyd's Register. With discussion.] 11 pl. (Transac. Inst. Naval Architects. v. 47, pp. 126–157. *London*, 1905.)

Butts (I. R.) The merchants' and shipmasters' manual and shipbuilders' and sailmakers' assistant. 3. ed. *Boston*, 1864. 12°.

Callou (L.) Cours de construction du navire. *Paris: A. Challamel*, 1902. 2 v. 4°. (École d'application du génie maritime.)

Catus (Jules de), *baron*. Construction pratique des bateaux de plaisance et yachts. *Genève: H. Georg*, 1890. 2 p.l., 138 p., 7 pl. illus. 8°.

Chaigneau (H.) Architecture navale: introduction historique, progrès réalisés dans la théorie mathématique et dans la construction du navire. (Rev. scientif. sér. 4, v. 18, pp. 257–262. *Paris*, 1902.)

Chapman (Frederik Henrik af). [Architectura Navalis Mercatoria.] Description des Plans & Desseins gravés qu'on trouve dans l'architecture Navale Marchande. Publiée en forme d'Atlas. *à Stockholm*, 1768. 6 l., 62 p. Manuscript. Hlf. blue morocco.

Text and plates are probably French work of late eighteenth century. Plates have notes and legends in an English hand of early nineteenth century. Binding is probably English work of middle nineteenth century.

—— Architectura navalis mercatoria, navium varii generis mercatoriarum, capulicarum, cursoriarum, aliarumque, cujuscunque conditionis vel molis, formas at rationes exhibens; exemplis æri incisis, demonstrationibus denique dimensionibus calculisque accuratissimis illustrata. Autore Frederico Henr. Chapman. *Holmiæ*, 1768. 64 pl., 3 tab. f°.

Engraved title-page and dedication. The three tables respectively in English, French, and Swedish contain "index and description of the draughts contained in this work."

—— Tractat om skepps-byggeriet tillika med forklaring och bevis öfver architectura navalis mercatoria, &c., genom Frederich Hindri af Chapman. *Stockholm: J. Pfeiffer*, 1775. 8 p.l., 246 p., 1 l., 16 plans, 8 tab. 4°.

—— Traité de la construction des vaisseaux, avec des Eclaircissemens & Démonstrations touchant l'Ouvrage intitulé: Architectura Navalis Mercatoria, &c....Traduit du Suédois, publié avec quelques notes & additions pour en rendre la lecture indépendante du grand Ouvrage en Planches du même Auteur, Architectura, &c., mentionné ci-dessus. Par M. Vial. du Clairbois...*A Brest: R. Malassis*, 1781. xxv, (iii), 219 (1) 3., 20 pl. 4°.

Clairbois (H. S. Vial de). *See* **Vial de Clairbois** (H. S.)

Clauzel ( ). Théorie du navire. *Paris: Imp. Nationale*, 1899–1900. Pt. 1 in 2 v. 4° and f°. (École d'application du génie maritime.)

Pt. 1. Équilibre et stabilité du navire en eau calme. Imprint of Planches, Paris, A. Challamel.

Construction des vaisseaux du roi et le nom de toutes les pièces qui en y entrent. *Havre*, 1791. 8°.

Cook (George Crouse). Curves of form of the initial condition. [With discussion.] 1 table, 18 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 139–165. *New York*, 1903.)

Cooke (E. W.) Sixty-five plates of shipping and craft, drawn and etched by E. W. Cooke. *London*, 1829. 1 l., 65 pl. f°.

Creuze (Augustin F. B.) Treatise on the theory and practice of naval architecture: being the article "Ship-building" in the "Encyclopædia Britannica," 7. ed. *Edinburgh: A. & G. Black*, 1840. xvi, 90 p., 15 pl. 4°.

Crisp (May Flower). A treatise on marine architecture, elucidating the theory of the resistance of water... *Maulmain: Amer. Baptist Mission Press*, 1849. xx, 21–135 p. 8°.)

Croneau (A.) Construction du navire. *Paris* [1893?] 12°. (Encycl. scient. d'aide mém. sect. de l'ingén.)

Dassié (F.) L'architecture navale, contenant la manière de construire les navires... Avec les tables des longitudes...[with: Le routier des Indes, orientales et occidentales...]*Paris: J. de la Caille*, 1677. 2 v. in 1. 4°.

Dickie (George W.) Something about the science and the art of shipbuilding. (Univ. Chronicle. v. 4, pp. 80–115. *Berkeley*, 1901.)

Duhamel du Monceau (Henri Louis). Élémens de l'architecture navale, ou traité pratique de la construction des vaisseaux...Seconde Edition revue, corrigée & augmentée par l'Auteur. *Paris: Charles-Antoine Jombert, Imprimeur-Libraire du Roi*, 1758. xliv, 49, xxix, 51–482 p., 23 pl. 4°.

—— The elements of naval architecture; or, A practical treatise on ship building...Abridged by Mungo Murray. 70 p., 5 pl. (In: Murray, M. A treatise on ship-building and navigation... *London*, 1754. sq. 4°.)

Shipbuilding, cont'd.

—— Traité de la fabrique des manœuvres pour les vaisseaux, ou l'art de la corderie perfectionné. *Paris: Imprimerie Royale*, 1747–49. 1 p.l., xl, 464 p., 7 pl.; 3 p.l., 3–114 p., 6 pl. 2 v. in 1. 4°.

"Explication des termes d'Art qui se trouvent dans cet Ouvrage" on pages 453–464.

Dupin (C.) De la structure des vaisseaux Anglais, etc. *London*, 1817. 4°.

Durand (William Frederick). Present-day shipbuilding problems. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 47–54.)

Étroyat (Joseph Adrien d'). Traité élémentaire d'architecture navale...[Pt. 1–3 and Atlas to Pt. 3.] *Lorient: C. Gousset*, 1845–56. 3 pts. in 2 v. 4°, f°.

Paging continuous. Pt. 3 pub. in Paris by Mallet-Bachelier.

Euler (Leonhard). Scientia navalis sev tractatvs constrvendis ac dirigendis navibvs. Pars prior complectens theoriam vniversam de sitv ac motv corporvm aqvae innatantivm. [Pars posterior in qua rationes ac praecepta navivm constrvendarvm et gvbernandarvm fvsivs exponvntvr.] Instar svpplementi ad tom. 1 Novorvm Commentar. Acad. Scient. Imper. *Petropoli: Typis Academiæ Scientiarvm*, 1749. 2 v. 4°.

—— Théorie complette de la construction et de la manœuvre des vaisseaux. Mise à la portée de ceux qui s'appliquent à la navigation. *St. Petersbourg: Imprimerie de l'Academie Imperiale des Sciences*, 1773. 8 p.l.. 354 p., 11 pl. 8°.

—— Théorie complete de la construction et de la manœuvre des vaisseaux. Mise à la Portée de ceux qui s'appliquent à la Navigation. *Paris: Claude-Antoine Jombert*, 1776. nouv. ed. 4 p.l., 268 p., 6 pl. 12°.

Facts versus fiction; or, Sir Wm. Symonds' Principles of naval architecture vindicated by a compilation of official and other documents: with introductory remarks. By one who has served. *London: Parker, Furnivall & Parker*, 1845. 3 p.l., (1) iv–lx, 294 p., 1 l. 8°.

Fishbourne (E. G.) Lectures on naval architecture. *London*, 1846. 8°.

Fréminville (Antoine Joseph de). Traité pratique de construction navale. *Paris* [1864]. text, 2 v. in 1, illus., 8°; atlas, 14 pl., f°.

Gicquel des Touches (P. G.) Traité des manœuvres courantes et dormantes composant le gréement des bâtimens marchands de différentes espèces, de trente-quatre à quinze pieds de largeur; précédé de plusieurs tables relatives au système de mâture convenable à ces bâtimens. Suivi de plusieurs autres tables nécessaires à la marine, et d'un vocabulaire des termes de marine...*Paris: Simonet*, 1818. 3 p.l., vii, 31, 209 p. 8°.

Gordon (Thomas). Principles of naval architecture...To which are added some observations on the structure of carriages for the purposes of inland commerce...*London: T. Evans*, 1784. 3 p.l., v–viii, 207 p., 5 pl. 8°.

Griffiths (John Willis). The progressive ship builder. *New York*, 1875–76. 2 v. illus. 4°.

Griffiths (John Willis). Treatise on marine and naval architecture, or theory and practice blended in ship building; illustrated with more than fifty engravings. 2. ed. *New York*, 1853. 4°.

—— —— New ed. *London: G. Philip & Son* [1856?]. 196 p., 2 l., 45 pl. f°.

—— The ship-builder's manual, and nautical referee. 2 v. in 1. *New York: Published by the author*, 1856. 200 p., 7 pl.; 190 p., 9 pl. 8°.

Haack (R.) Schiffswiderstand und Schiffsbetrieb. *Berlin*, 1900. 3 v. 4° and f°. (Prussia. Oeffentlichen Arbeiten, Minist. der.) v. 1, Text; v. 2–3, Tafel.

Hale (Thomas). An account of several New Inventions and Improvements, now necessary for England, in a Discourse by way of Letter to the Earl of Marlbourgh, relating to Building of our English Shipping, Planting of Oaken Timber in the Forrests, Apportioning of Publick Taxes, The Conservancy of our Royal Rivers, in particular that of the Thames, &c. Herewith is also published at large, the Proceedings relating to the Mill'd Lead-sheathing, and the Excellency and cheapness of Mill'd-Lead in preference to Cast Sheet-Lead, &c. *London: Printed for James Astwood*, 1691. 8 p.l., cxxvi, 9 l., 132 p., 2 tab. 12°.

Harvey (G.) Naval architecture. (Ency. metrop. v. 5, 6: [mixed sci., v. 3, 4] 1845.)

Hauser (A.) Cours de construction navale professé a l'école d'application du génie maritime. *Paris: E. Bernard et Cie.*, 1886. xvi, 590 p., 1 l. 4°.

Hennert (J. F.) Elementa Architecturæ navalis, artis gubernandi naves, pyrotechnicæ & acustices. *Traiecti ad Rhenum*, 1775. 12°.

Hogg (Archibald). Tables for constructing ship's lines. *Newcastle-upon-Tyne: Tyne Ptg. Works Co.*, 1897. 19 p., 5 tab. 2. ed. 12°.

Holms (A. Campbell). Practical shipbuilding. A treatise on the structural design and building of modern steel vessels; the work of construction, from the making of the raw material to the equipped vessel... Text [and illustrations]. *London: Longmans, Green & Co.*, 1904. 2 v. 8°. and ob. f°.

Hoste (Paul). L'art des armées navale; ou Traité des evolutions navales... [with] Théorie de la construction des vaisseaux. *Lyon: Anisson & Posuel*, 1697. 2 pts. in 1 v. f°.

Huet (A.) De water-locomotief. *s'Gravenhage: J. & H. Van Langenhuysen*, 1876. xix, 150 p., 1 pl. 8°.

Hutchinson (William). A treatise on naval architecture founded upon philosophical and rational principles towards establishing fixed rules for the best form and proportional dimensions... of merchants ships in general... *Liverpool: T. Billinge*, 1794. xv (i), 303 (1) p., 13 pl. 4. ed. 4°.

International Engineering Congress, Chicago, 1893. Divisions of marine and naval eng. and naval architecture. Proceedings; edited by G. W. Melville. *New York: John Wiley & sons*, 1893. 2 v. 8°. (Chicago. World's Columbian Exposition, 1893.)

Introduction to drawing ships. *London: R. Sayer*, 1788. 8 pl. ob. 8°.

Johnstone (John G.) The uses of the integraph in ship calculations. [With appendices and discussion.] 3 pl. (Transac. Inst. Engineers and Shipbuilders in Scotland. v. 47, pp. 195–223. *Glasgow*, 1904.)

Shipbuilding, cont'd.

Johow (Hans). Johow's Hilfsbuch für den Schiffbau. Hrsg. von E. Krieger. *Berlin: J. Springer*, 1902. xxviii, 1101 p., 4 charts, 6 pl., 8 tab. 2. ed. 8°.

Knowles (J.) The elements and practice of naval architecture, or a treatise on ship-building, theoretical and practical. Illustrated with 39 large draughts and numerous smaller engravings. Third Edition, with an Appendix. *London*, 1822. 4°.

Krantz (J.) Élémens de la théorie du navire, contenant, les calculs de déplacement, de centre de voiture, les méthodes de jaugeage... *Toulon: Andrieu*, 1852. 2 p.l., 288 p., 2 pl., 1 tab. 8°.

Kretzschmar (F.) Festigkeit von Trägersystemen. (Schiffbau. Jahrg. 7 (1906), pp. 633–637; 680–682; 709–713; 755–756; 791–793; 835–837; 865–869; 906–910; 947–949. *Berlin*, 1906.)

Little (G. H.) Some remarks on the building and working of ships and steamers. *London: [Spottiswoode & Co.,]* 1893. 58 p., 7 pl. 8°. (Shipmasters' Society, London. Course of papers, no. 25.)

Lorenz (H.) Die neuere Entwickelung der Mechanik und ihre Bedeutung für den Schiffbau. [Discuss.] (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 162–181. *Berlin*, 1906.)

Lovett (W. J.) A complete class-book of naval architecture. Practical, laying off, theoretical. *New York: Longmans, Green & Co.*, 1905. x, 283 p. 8°.

Maizière (Armand). Nouvelle architecture navale. *n. t.-p. Reims: E. Luton*, 1853. 2 p.l., 76 p. 8°.

Marine architecture or the shipbuilder's assistant. *London*, 1748. 4°.

Mazaudier ( ). Guide pratique d'architecture navale... Avec un appendice sur les bateaux à vapeur. Avec atlas... *Paris: Desauche*, 1835. 2 v. 8°.

Meade (Richard W.), commodore, *compiler*. A treatise on naval architecture and ship-building. *Philadelphia*, 1869. il. pl. 8°.

Meulen (Marc de). La marine moderne. Construction des navires. Paquebots. Batiments de guerre. Artillerie. Organisation des principales marines militaires. *Paris: Firmin-Didot et Cie.*, 1892. 249 p., 1 l., 1 pl. illus. 4°.

Modern merchantmen, their design, and construction. (Nautical Maga. v. 75, pp. 333–341; 440–445; v. 76, pp. 22–28; 113–119; 177–183; 269–272; 365–369; 441–446; v. 77, pp. 10–16; 132–139; 206–213; 300–309. *Glasgow*, 1906–'07.)

Murray (Andrew). Ship-building in iron and wood... And steamships by Robert Murray. 2. ed. *Edinburgh: A. & C. Black*, 1863. xii, 166 p., 28 pl. 4°.

Murray (Mungo). A treatise on ship-building and navigation. In three parts... To which is added by way of appendix, an English abridgment of another treatise on naval architecture, lately published in Paris by M. Duhamel... *London: the Author*, 1754. 8 p.l., 268, 74, 2 l., 70 p., 18 pl., sq. 4°.

Naval construction. A fourth letter to the Right Hon. Sir George Cockburn, M. P.,... being a review of the late experimental squadron with a few principles deduced therefrom. *Portsea: W. Woodward*, 1845. 55 p., 1 table. 8°.

Oldham (Joseph R.) Notes on the mathematical theory of naval architecture. (Jour. Assoc. Engineering Soc. *Philadelphia*, 1898. 8°. v. 21, pp. 24–36.)

Passebon (Henri Sbonski de). Plan de plusieures bâtimens de mer, avec leurs proportions. [*Paris*, 1690?] 1 p.l., 17 pl. f°.

Peabody (Cecil Hobart). Naval architecture. *New York: J. Wiley & Sons*, 1904. v, 616 p., 1 tab. 8°.

Peake (James). The elementary principles of naval architecture, chiefly as applied in the construction of wooden vessels... *London: Crosby Lockwood and Son*, 1897. xii, 310 p., 18 pl. illus. 12°. (Weale's scientific and technical series.)

—— Rudiments of naval architecture, or an exposition of the elementary principles of the science, and the practical application to naval construction, compiled for the use of beginners. *London*, 1849–51. 2 v. 12°.

Pearse (John). Papers on naval architecture ... and several other unpublished papers... on the axis of rotation of a ship... *Plymouth: Bartlett*, 1835. vi, 79 p., 1 l., 6 pl. 8°.

—— Reflections on the present state of the theory of naval architecture, exhibiting... some of the errors which, from time immemorial, have existed. *Plymouth: Y. Bartlett*, 1836. 1 p.l., 18 p. 8°.

Pierrard (A.) Cours d'armements maritimes professé a l'institut supérieur de commerce d'Anvers. *Anvers: J. E. Buschmann*, 1897. xiii, 359 p., 1 tab. 4°.

Pihlström (Carl). Afhandling om Arbetssättet vid Skepps Aflöpning, Förmastning, Upp-och Aftakling, jemte Köloch Upphalning... *Carlskrona*, 1812. 12°.

Plans of British and foreign ships. 87 plates. (Naval annual, 1902, following p. 289. *Portsmouth, Eng.*, 1902.)

Pollard (J.), *and* A. Dudebout. Architecture navale; théorie du navire. *Paris*, 1890–94. 4 v. 8°.

Pollock (David). Modern shipbuilding and the men engaged in it: a review of recent progress in steamship design and construction, together with descriptions of notable shipyards. *London: E. & F. N. Spoon*, 1884. vii (1), 128, 128 A–128 D, 129–216 p., 15 l., 1 diagr., 3 pl., 15 port. 8°.

Poterat (M. de). Théorie du navire. *Paris*, 1826. 2 v. 4°.

Prussia.—*Marine, Inspektion des Bildungswesen der.* Leitfaden für den Unterricht im Schiffbau. *Berlin: E. S. Mittler & Sohn*, 1902. x, 204 p., 24 plans. 8°.

Richter (O.) Beitrag zur Geometrie der Schiffsform. (Schiffbau. Jahrg. 6, pp. 593–597, 684–687, 733–737. *Berlin*, 1905.)

Ronnebeck (H.) Sections of shipbuilding material and patterns of chequer plates. *Middlesbrough-on-Tees, Eng.: H. Ronnebeck*, 1902. 5 p.l., 13 f, 2 l. illus. f°.

Shipbuilding, cont'd.

Robinson (Richard Hallett Meredith). Naval construction, prepared for the use of the midshipmen of the United States Naval Academy. *Annapolis, Md.: The United States Naval Institute*, 1906. vi, 1 l., 285 p., 19 pl., 2 tab. illus. 8°.

Romme (Charles). L'art de la marine, ou, Principes ét préceptes généraux de l'art de construire, d'armer, de manœuvrer et de conduire des vaisseaux. *Paris: Barrois*, 1787. 2 p.l., 588 p., 1 l., 7 pl. 4°.

Ruehlmann (Moritz), *and* O. Flamm. Vorträge über Schiffbau. Begonnen von Dr. M. Rühlmann. Fortgesetzt und beendet von Oswald Flamm. *Berlin: W. & S. Loewenthal* [1903]. 4 p.l., 883 p., 2 maps, 2 pl. illus. 8°.

Russell (John Scott). The modern system of naval architecture. *London* [1866]. text, 1 v.; pl., 2 v. f°.

Schiffbauindustrie (Die) in Deutschland und im Auslande. Unter Benutzung amtlichen Materials hrsg. von T. Schwarz und E. von Halle. *Berlin: E. S. Mittler & Sohn*, 1902. 2 v. illus. 4°.

Serre (Paul). Étude d'architecture navale. (Pt. 2 of his: Les marines de guerre de l'antiquité et du moyen age. *Paris: Baudoin & Cie.*, 1885–1891. 2 v. 8°.)

Shipbuilders (The) repository, or, A treatise on marine architecture, wherein are contained the principles of the art, with the theory and practical parts fully explained... *London: The author* [1789?]. viii, 9–472 p., 1 plan. sq. 4°.

Simpson (George). The naval constructor: a vade mecum of ship design for students, naval architects, shipbuilders and owners...*New York: D. Van Nostrand Co.*, 1904. 1 p.l., ix, 588 p. illus. 16°.

Sommerfeldt (Hakon Adelsteen). The construction of ships for ocean and river service, practically treated. With an appendix. [Text and atlas.] *London: J. Weale*, 1861–[1902]. 2 v. 16° and f°. (Weale's scientific and technical series. no. 53[1-2].)

Text pub. by Virtue & Co., 1902. New ed.
Atlas pub. in 1861.

Stalkartt (Marmaduke). Naval architecture, or the rudiments and rules of shipbuilding exemplified in a series of drafts and plans, with observations tending to the further improvement of that important art. With a folio volume of plates. Letter press, sm. fol. *London*, 1781.

—— —— *London: the author*, 1787. 3 p.l., iv, 231 p., 2 l., 1 pl. f°.

—— —— *London: the author*, 1803.

Steinhaus (C. F.) Abhandlungen aus dem Gebiete des gesammten Schiffbauwesens. *Hamburg: L. Friederichsen & Co.*, 1888. 3 v. in 1. 4°.

Sutherland (William). The shipbuilder's assistant; or, Marine architecture. *London: J. Mount & T. Page*, 1766. vii, (1), 156 p., 3 plans. 4°.

[**Symonds** (*Sir* W.)] Naval costumes. [A series of 21 plates illustrating ships of various periods. *London*, 1837.] obl. 4°.

Binder's title only. MS. inscription on inside cover, "From sketches made...1837...presented to Capt. J. E. Walcott, 1852."

Taylor (D. W.) Methods and forms for certain ship calculations. *n. p.* [1895?] 29 p., 6 plan, 6 tab. 4°. Trans. Soc. Naval Archi. and Marine Eng. Advance sheet, no. 5.)

—— On ships' forms derived by formulæ. [With discussion.] 22 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 243–269. *New York*, 1903.)

Thearle (Samuel J. P.) Naval architecture: a treatise on laying off and building wood, iron, and composite ships. *New York* [1874]. 2 v. text, il. 16°; pl. 4°. (Putnam's advanced sci. ser., no. 4.)

—— *London: W. Collins Sons & Co.* [1890?] 2 v. 12° and sq. 4°. (Collins' advanced science series.)

—— The modern practice of shipbuilding in iron and steel. v. 1–2. [Text and atlas.] *London: W. Collins, Sons, & Co., Ltd.* [1902] 3. ed. 2 v. 8°. (Collins' advanced science series.)

—— Theoretical naval architecture. A treatise on the calculations involved in naval design. *London: William Collins, Sons and Co.* [190–?] 2 v. Text and plates. 12° and 4°. (Collins' Advanced Science Series.)

Traité général des manœuvres des vaisseaux, contenant les proportions des mâts & vergues... *Hâvre de Grâce: Veuve de G. Gruchet*, 1732. 176 p., 2 l. 12°.

Turc (C.) Le navire pour passagers. Essai sur un type nouveau de navires...sans roulis; évitant ainsi le mal de mer... *Paris: E. Bernard et Cie.*, 1903. 88 p. 4°.

Udemans (Willems), *jr.* Korte Verhandeling van den Nederlandschen Scheepbouw ... *Middleburg, Amsterdam: Gedrukt voor den Autheur*, 1757. 7 p.l., 79 p., 20 l. 4°.

United States.—*Constructing Boats by Machinery, Commission on.* Report of the Commission appointed to examine the system of constructing boats invented by Nathan Thompson, jr. *New York*, 1859. port., pl. 8°. (Navy Dept.)

Vial de Clairbois (H. S.) Traité élémentaire de la construction des vaisseaux à l'usage des élèves de la marine. *Paris*, 1787. 2 v. 4°.

—— Elements of naval architecture, a translation of Traité élémentaire. *London*, 1846. 8°.

Vidal (Jerome Léon). Manuel pratique de cinématique navale et maritime, à l'usage de la marine de guerre et de la marine du commerce. *Paris: Gauthier-Villars*, 1905. xvii, 222 p., 4°. (France. Marine, Ministère de la.)

Waap (C.) Schiffs- und Bootsbaukonstruktionen. Ein praktischer Lehrgang für das konstruktive Fachzeichnen der Schiffs- und Bootsbauer in technischen Fachschulen und gewerblichen Fortbildungsschulen. Mit einem Vorwort von J. F. Ahrens. *Kiel: Lipsius & Tischer*, 1900. 44 pl. ob. 4°.

Walton (Thomas). Know your own ships: a simple explanation of the stability, construction, tonnage, and freeboard of ships ... for ... ships' officers, superintendents, draughtsmen, and others ... *London: C. Griffin & Co.*, 1896. xiv, 242 p. ill. 12°.

Washington (John). Shipping, particularly life-boats. *London: D. Bogue* [1852?]. 1 p.l., 541–622 p., 1 map. 12°. (Lectures on the results

Shipbuilding, cont'd.

of the Exhibition, delivered before the Society of Arts, Manufactures, and Commerce, at the suggestion of H. R. H. Prince Albert, president of the society. no. 12.)

Watson (Thomas H.) Naval architecture: a manual on laying-off iron, steel, and composite vessels. *London: Longmans, Green & Co.*, 1898. xii, 171 p., 49 diag. 4°.

Watts (Isaac), *and others*. Shipbuilding, theoretical and practical; by I. Watts, W. J. M. Rankine, Barnes, and J. R. Napier. *London*, 1866. pl. ill. f°.

Webb (William H.) This book contains Plans of Wooden Vessels selected as types from one hundred and fifty of various kinds and descriptions, from a fishing smack to the Largest Clipper Ships and Vessels of War, both sail and steam, built by Wm. H. Webb, in the City of New York, From the Year 1840 to the Year 1869. [*New York*, 1895.] 2 v. 2 l., 67 pl., 1 port.; 2 l., 62 pl., 1 port. f°.

Welch (J. J.) A text book of naval architecture for the use of officers of the Royal Navy. *London: Eyre & Spottiswoode*, 1901. 2 p.l., 242 p., 26 diag., 1 tab. rev. ed. 8°.

West (H. H.) On the quality of materials used in shipbuilding. (In: Naval Professional Papers, no. 14. pp. 70–82.)

White (Thomas), *jr*. The theory and practice of shipbuilding. *London: J. Johnstone*, 1848. 3 p.l., (1) vi–xi, (1) 14–101 p. 8°.

White (W. H.) A manual of naval architecture ... *London*, 1877. ill. diagr. 8°.

—— —— *London*, 1894. 3. ed. 8°.

Witsen (Nicolaes). Aeloude en hedendaegsche scheeps-bouw en bestier... Deel I–II. *Amsterdam: C. Commelyn; Broer & J. Appelaer*, 1671. 2 v. in 1. f°.

Wortley (Henry B.) Modern shipbuilding. (Engineering. v. 69, pp. 474–475, 477–478. *London*, 1900.)

—— Practical results of some innovations in modern shipbuilding. (Marine Engineering. v. 5, pp. 337–343. *New York*, 1900.)

Yk (Cornelius van). De Nederlandsche scheepsbouw-konst open gestelt ... *Amsterdam: J. ten Hoorn*, 1697. 8 p.l., 354 p., 22 pl. f°.

Regional.

Belgium.

Lecointe (A.) Développement de la construction navale en Belgique. 1 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 5, pp. 145–229. *Bruxelles*, 1900.)

China.

Feretti (E.) Le industrie navali sul Wang-Poo-River. (Rivista marittima. anno 35, pp. 271–297. *Roma*, 1902.)

Winterburn (W. G.) The Chinese junk. (Cassier's Maga. v. 21, pp. 425–430. *New York*, 1902.)

France.

Chambre syndicale des entrepreneurs de batiments de Lyon et de la région... Notice historique. *Lyon*, n. d. 51 p., 1 pl. 8°.

France.—*Instructions Nautiques, Service des.* Liste des Bâtiments de la marine française (guerre et commerce) et de leurs signaux distinctifs dans le code international de signaux à l'usage des bâtiments de toutes les nations. Dressée par le service des instructions nautiques. 1882–89, 91, 95, 97–1900, 1902–1905. *Paris*, 1882–1906. 8°. (Hydrographique, Service.)

—— —— —— Supplements. 1882, nos. 1–3; 83, nos. 1–3; 84, nos. 1–2; 85, nos, 1, 3; 86, no. 2; 87, nos. 1–2; 88, nos. 2–3; 89, no. 2; 90, nos. 1–2; 91, nos. 1, 3; 1900, no. 1.

Fromageot (Henri). Loi du 22 juin 1899 concernant le droit de pavillon pour les navires de commerce. (Annuaire de législation étrangère. année 29, pp. 72–84. *Paris*, 1900.)

Lienhart ( ). Note au sujet du mode de montage suivi à Brest pour les constructions navales. 4 pl. (Mém. du génie maritime. ser. 3, no. 3, pp. 157–173. *Paris*, 1902.)

Germany.

Barker (J. Ellis). The shipbuilding and shipping industries of Germany. (Contemp. Rev. v. 89, pp. 324–339. *London*, 1906.)

Ditges (Rudolf). Der deutsche Schiffbau, 1905. (Jahrb. d. Schiffbautechn. Gesellschaft. v. 7, pp. 73–82. *Berlin*, 1906.)

Haekel ( ). Die Entwickelung der deutschen Kriegsmarine in ihrer Bedeutung für den deutschen Schiffbau. (Schiffbau. Jahrg. 6, pp. 725–729, 778–780, 817–819, 860–862, 905–907, 946–949, 988–990, 1028–1032; Jahrg. 7, pp. 69–73, 108–112. *Berlin*, 1905.)

Lehmann-Felskowski (G.) Der deutsche Schiffbau. 1900–1906. *Berlin: Boll & Pickardt* [1906]. xiii, 250 p., 1 l., 1 pl. illus. f°.

Müller (A. C. Th.) Die Entwickelung der Schichauschen Werke in Elbing, Danzig und Pillau. 2 pl. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 101–161. *Berlin*, 1906.)

Schroedter (E.) Eisenindustrie und Schiffbau in Deutschland. (Jahrb. d. Schiffbautech. Gesellsch. v. 4, pp. 89–155. *Berlin*, 1903.)

Schütte (Joh.) Die schiffbautechnische Versuchsabteilung des Norddeutschen Lloyd in Bremerhaven. (Physikal. Ztsch. Jahrg. 3, pp. 353–361. *Leipzig*, 1902.)

Seemann (A.) Der Schiffsaufzug der kgl. Werft in Friedrichshafen. (Ztschr. d. Vereines deutsch. Ingen. v. 45, pp. 253–261. *Berlin*, 1901.)

Shipbuilding (The) industry of Germany. (Board of Trade Jour. v. 34, pp. 137–138. *London*, 1901.)

Zollfreie Seeschiffsbaumaterialien, 1899/1903. (Vierteljahrshefte zur Statistik d. Deutsch. Reichs. Jahrg. 13, pp. 95–107. *Berlin*, 1904.)

Zollfreie Seeschiffsbaumaterialien, 1900/1904. (Vierteljahrshefte z. Statistik d. Deutschen Reichs. Jahrg. 14, pp. 86–98. *Berlin*, 1905.)

Great Britain.

Apology (An) for English shipbuilders; showing that it is not necessary the country should look to the navy for naval architects. *London: Effingham Wilson*, 1833. 48 p. 8°.

Shipbuilding, cont'd.

SCHOOL of naval architecture. [Review of] An apology for English shipbuilders...[by] Effingham Wilson. [Signed F. M.] *n. t.-p.* [*London?* 184- ?] 8 pp. 8°.

Brassey (*1. baron*), THOMAS BRASSEY. Shipbuilding for the navy. [With discussion and correspondence.] (Inst. Civil Engineers. Min. of Proc. v. 162, pp. 1-49. *London*, 1905.)

Causes of distress amongst the shipwrights, seamen, joiners, blacksmiths and other commercial classes of workmen in Great Britain and Ireland. By an operative shipwright. *Sunderland: J. Hopper*, 1858. 16 p. 12°.

France.—*Commerce, Ministère du.* Angleterre, Les constructions navales. 1893. [*Paris*, 1894.] 8°. (Raps. com. des. agts. dipl. et cons. de France. No. 188.)

Great Britain.—*Arrears of Shipbuilding, Committee on.* Report of the committee appointed to inquire into the arrears of shipbuilding. *London: Eyre & Spottiswoode, prtrs.*, 1902. 78 p., pap. f°. Cd. 1055. (Admiralty.)

Kielhorn (Carl). Die Bauvorschriften des Englischen Lloyd, fünfzig Jahre der Entwickelung des Eisenschiffbaues. (Schiffbau. Jahrg. 6, pp. 237-241; 294-297; 346-349; 467-470. *Berlin*, 1904-05.)

List of vessels launched. 1883-date. (Marine Engineer. *London*, 1883-date.)

Pim (B. C. T.) Shipbuilding. (In: BEVAN, G. P. Brit. manuf. indus. v. 10. 1876.)

Robinson (Charles N.) Naval reinforcements in war time. (Naval Annual, edited by T. A. Brassey. *Portsmouth*, 1898. 8°. pp. 201-215.)

On England's resources for naval construction in case of emergency.

Shipbuilding and marine engineering on the Thames in the Victorian era. (Engineer, v. 84, pp. 224-227, 296-298, 368-369, 394-395, 415-417, 446-448, 470-472, 524-525, 565-566, 623-624; v. 85, pp. 124-125, 203-204, 253-254, 275-276, 349-357, 395-397, 444-446, 526-528, 574-575; v. 86, pp. 54-55, 149-150, 222-223, 270-274, 318-321. *London*, 1897-98.)

Shipbuilding and marine engineering. 1868-date. (Engineering. *London*, 1868-date.)

Thames pioneer shipbuilders and marine engineers. (Engineer. *London*, 1899. f°. v. 87, pp. 81-84.)

White (*Sir* William H.) Naval architecture in Great Britain. (Amer. Soc. Civil Engineers. Internat. Engineering Congr., 1905, Transac. v. 54, Pt. D., pp. 3-42. *New York*, 1905.)

India.

Grant (*Sir* Robert). The substance of the speech...before a select committee of the House of Commons...1st and...3d of June, 1814, in support of a bill, "To make further regulations for the registry of ships built in India." With an appendix. *London: J. Gillet* [1814]. 2 p.l., 124 pp., 4 l. 4°.

Phipps (J.) A collection of papers, relative to shipbuilding in India. With descriptions of the various Indian woods employed...also, a register, comprehending all the ships and vessels built in India to the present time; with many other particulars respecting Indian shipping, and the external commerce of Bengal... *Calcutta: Scott & Co.*, 1840. xviii, 264, lviii, iv p. 8.

Italy.

Italy.—*Marina, Ministeria della.* Lista dei bastimenti italiani da guerra e mercantili con i segnali distintivo loro assegnati per l'uso del codice internazionale dei segnali...Situazione al 31 dicembre, 1875. *Roma, Firenze*, 1876. 372 p. 8°.

—— —— —— Supplemento...Edizione 1876. 1-5. *Roma, Firenze*, 1876-8. 8°.

—— —— Lista delle navi italiane...Situazione al 31 decembre, 1883. *Firenze, Roma*, 1884. 128 p. 8°.

—— —— —— Situazione al 31 decembre, 1894. *Roma*, 1895. 142 p. 8°.

—— —— —— Situazione al 31 decembre, 1895. *Roma*, 1896. 122 p. 8°.

Japan.

Albertson (Charles). The dockyards and ship-building plants of Japan. (Engineering Maga. v. 29, pp. 850-864. *New York*, 1905.)

Shipbuilding industry of Nagasaki. (Board of Trade Jour. v. 31, pp. 690-692. *London*, 1900.

Terano (S.) The development of Japanese ship-building. 2 pl. (Amer. Soc. Civil Engineers. Internat. Engineering Congr., 1905. Transac. v. 54, pt. 10, pp. 43-88. *New York*, 1905.)

Netherlands.

Netherlands.—*Staatscommissie.* Verslag... benoemd bij Koninklijh besluit van 18 Februari 1895, no. 18...*'s Gravenhage: Mouton & Co.*, 1897. v. p. f°.

Report on governmental shipbuilding and wharves.

R. (J. B.) Onze scheepsbouw in 1900. (De Economist. Jaarg. 50, pp. 589-594. *'s Gravenhage*, 1901.)

Russia.

Russia.—*Ministerstvo Putei Soobshcheniya.* Ryechnoi flot (parovoi i neparovoi) po perepisi 1895 goda i Sudostroyenie v 1892-1896 godakh v Yevropeiskoi Rossii. *St. Petersburg: Ministerstvo Putei Soobshcheniya*, 1898. 8°.

The River Fleet (Steamers and Sailboats) in 1895 and Shipbuilding in 1892-1896 in European Russia.

United States.

Bates (William W.) American ships; their past and future, and the question of wood or iron for their construction, reviewed. In two parts. Pt. 1. *Chicago: The Author*, 1870. 8°.

Burton (C. M.) [La Salle and the Griffon.] Historical paper, delivered by C. M. Burton, before the Society of Colonial Wars of the State of Michigan. At a social court held at the residence of Governor Theodore H. Eaton, January twenty-sixth, nineteen hundred and two. *Detroit: Winn & Hammond*, 1903. cover, 1-17 p., 1 pl., 1 map, 8°.

Campbell (Geo. J.), *jr.* Building of ships in the navy yard. (Overland Monthly. v. 38, pp. 465-484. *San Francisco*, 1901.)

Shipbuilding, cont'd.

Cramp (Charles H.) The steamship merger and American shipbuilding. (North Amer. Rev. v. 175, pp. 5–16. *New York*, 1902.)

Cramp (William) & Sons Ship & Engine Building Co. Cramp's Shipyard founded by William Cramp, 1830. *Philadelphia: The Company*, 1902. x, 1 l., 180 p., 5 pl., 1 port. 12°.

Crowell (John Franklin). Present status and future prospects of American shipbuilding. (Annals of the Amer. Acad. of Polit. & Social Science. v. 19, pp. 46–60. *Philadelphia*, 1902.)

—— —— Same. Separate.

Dickie (George W.) Can the American shipbuilder under present conditions compete with the British and German shipbuilders in the production of the largest class of ocean, passenger and freight steamships? With discussion. (Transac. Soc. Naval Architects and Marine Engineers. v. 8, pp. 173–196. *New York*, 1900.)

Hall (H.) Report on the ship-building industry of the United States, vi, 276 p., 4 pl. (In: U. S. Census Office. 10. census. 4°. v. 8.)

Hibbs (F. W.) The shipping and shipbuilding of Puget Sound. [Discussion.] 15 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 261–282. *New York*, 1904.)

Hopkins (Caspar T.), *and others*. Report on shipping and ship-building to the Manufacturers' Association, Board of Trade, and the Chamber of Commerce of San Francisco, by C. T. Hopkins, George C. Perkins, Andrew Crawford... *San Francisco: H. S. Crocker & Co.*, 1885. 62 p. 8°.

Linnard (J. H.) The metric system in relation to the shipbuilding industry of the United States. [With discussion.] (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 167–188. *New York*, 1903.)

M'Dermott (Geo. R.) Shipbuilding and shipping conditions of the United States, past, present and future. (Marine Engineering. v. 3, no. 6, pp. 4–9. *New York*, 1899.)

Preble (G. H.) Early ship-building in Massachusetts. *n. t.-p.* [*Boston*, 1896.] 8°.

—— Notes on early ship-building in Massachusetts. No. 3–5. [*Boston*, 1872?] 3 facs. 8°.

Repr.: New England Historical and Genealogical Register, 1871–72. Paging continuous.

Roach (John). Mr. John Roach on ship-building; interview in New York Herald. *Washington*, 1877. 8°.

—— On ship-building and American steamship lines. [*New York*, 1877.] 18 p. 8°.

Ross (James W.) Shipping and ship-building in the United States. (Scientif. Amer. Suppl. v. 49, pp. 20343–20345. *New York*, 1900.)

Soley (James Russell). The maritime industries of America. Plates. (Shaler N. S. U. S. of America, v. 1, pp. 518–624. *New York*, 1894.)

United States.—*Census Office.* Shipbuilding, by H. Hall. vi, 276 p., 4 pl. (10. Census. 8°.)

—— —— Shipbuilding. 343–575 p. (11. Census. Manufactures, part 3.)

—— *Statistics Bureau* (*Treasury*). Report of the director on the present progress of ship-building in the United States. *Washington: Govt. Prtg. Office*, 1867. 39 p. 8°.

Various Topics Relating to Ships in General.

Accidents.

See Wrecks.

Anchors.

Anker und Kettenprüfmaschine, gebaut von der Mannheimer Maschinenfabrik Mohr & Federhaff in Mannheim. (Ztschr. d. Vereines deut. Ingenieure. v. 49, pp. 2054–2056. *Berlin*, 1905.)

Carpenter (R. C.) Holding capacity of anchors for electric wiring poles. 1 pl. (Sibley Jour. of Engineering. v. 15, pp. 293–297. *Ithaca*, 1901.)

Denninghoff (Bernhard). Anker und Ketten unserer Kriegsschiffe. (Ueberall. Jahrg. 3. pp. 374–376. *Berlin*, 1900.)

Eynon's patent anchors. (Marine Engineer. v. 23, pp. 348–349. *London*, 1901.)

Fairhaven Iron Foundry Co., Fairhaven, Mass. The "Fairhaven" bulb-shank mooring anchor. *Fairhaven, Mass.: Fairhaven Iron Foundry Co.* [1904.] 14 l. nar. 16°.

[Ferchault] de Reaumur ([R. A.]), *and* H. L. Duhamel du Monceau. Fabrique des ancres. [*Paris*,] 1764. 1 p.l., 54 p., 6 pl. f°. (Acad. Royale des Sciences. Description des Arts et Métiers, &c. v. 1.)

Frick (R.) Der Langston-Anker. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 182–187. *Berlin*, 1906.)

Great Britain.—*Trade, Board of.* The anchors and chain cables act, 1899, with regulations as to testing, scale of maximum charges, etc., etc. *London: Darling & Son, prtrs.*, 1900. 1 l. 42 p. pap. 8°.

Lord (W. B.) Anchors. (Nautical Maga. v. 70, pp. 135–144. *London*, 1901.)

Porter & Co.... Observations and reports... submitted to the Lords Commissioners of the Admiralty and officers of Her Majesty's Navy, the Hon. East India Co., the Hon. Trinity Corporation, the underwriters at Lloyds, and ship owners of the United Kingdom... concerning anchors. *London*, 1843. 1 p.l., 50 p., 2 pl. 8°.

Rath (C.) Beitrag zur Konstruktion von Ankereinrichtungen. illus. (Schiffbau. Jahrg. 7, pp. 509–512; 555–558. *Berlin*, 1906.)

Stafford (Darby). The making of anchors and cables. (Eng. Ill. Maga. v. 24, pp. 577–584. *London*, 1901.)

Thomson (Anthony S.) Anchors: old forms and recent developments. (Jour. Roy. United Service Inst. v. 46, pp. 1400–1415. *London*, 1902.)

Thomson (Anthony S.) Anchors. Read before the members of the Shipmasters' Society at the London Chamber of Commerce... on 17th January... H. M. Hozier in the Chair. *n. t.-p.* [*London: Pewtress & Co.*, 1902.] 117–132 p. 8°. (Shipmasters' Soc., London. [Course of papers. no. 75.])

Balance.

Nieuport(C[harles] Ferdinand Antoine [Florent] de). Mémoire sur l'équilibre des corps qui se balancent librement sur un fil flexible, et sur celui des corps flottans... 65–85 p., 1 pl. (In: Nouveaux Mémoires de l'Académie royale... de Bruxelles. *Bruxelles*, 1820. 4°. t. 1.)

Tobell (J.) Studie über das Gleichgewicht schwimmender Körper im Allgemeinen und der Schiffe im besonderen. (Mittheil. a. d. Gebiete d. Seewesens. v. 30, pp. 159–192. *Pola*, 1902.)

Walton (Thomas). Trim. Read before members [of the Shipmasters Society] at the Society's rooms, March 17, 1898; Commander W. F. Caborne in the chair. *London:* [*Shipmasters' Soc.*,] 1898. 36 p. 8°. (Shipmasters' Society, London. Course of papers no. 56. 9. Sess.)

Ballast.

France.—Arrest du conseil d'estat du Roy, Portant Reglement pour le Lestage & Delestage des Vaisseaux... dans la Riviere de Nantes. Du 28 Mars 1739. [Colophon:] *Paris: Prault*, 1740. 16 p. 8°.

—— Ordonnance du Roy, Que supprime la bourse commune establie entre les Lesteurs & Delesteurs des Bastimens de mer dans... Havre: Et Ordonne que les bateaux servant au lestage & delestage, seront jaugez, & porteront une marque qui indiquera leur port en tonneaux. Du 10. Juin 1738. [Colophon:] *Paris: l'Imp. Royale*, 1738. 4 p. 8°.

Laws (Bernard C.) Rolling of ships and the effect of water-ballast. (Engineers' Gaz. v. 15, pp. 57–58. *London*, 1901.)

Thearle (S. J. P.) The balancing of steamers for North Atlantic voyages. [Discussion.] 4 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 118–133. *London*, 1903.)

—— —— (Engineering. v. 75. pp. 536–538. *London*, 1903.)

Wortley (H. B.) Ballasting... *London: Pewtress & Co.*, 1900. 1 p.l., 36 p. 8°. (Shipmasters' Society, London. Course of papers, no. 64.)

Berths.

Huston Ship's Berth Co. Endorsement of their self-leveling berth. [*Dedham, Mass.: W. L. Wardle*, 1879?] 6 l. 24°.

Boats.

See Canoes and Small Boats; Life Boats.

Boats launching.

Clifford (Charles). How to lower ship's boats. A treatise on the dangers and defects in the system at present in use, and their remedy. To which is added A Description of a new & improved block, to be used for reducing and regulating strain, in lowering heavy bodies, and for other purposes. *London: Simpkin & Marshall*, 1855. 1 p.l., 37 p., 9 pl. 2. ed. 8°.

—— How to lower ships' boats. A treatise on the dangers of the present system, and their remedy, with a full description of the new method... *London: C. Wilson*, 1858. iv, 76 p., 7 pl. 4. ed. 8°.

—— Ships on fire, collisions, and wrecks. Recent instances in which lives have been saved by the use of Clifford's boat lowering gear. [*London*, 1859.] 4 p. 8°.

Hyslop (John). Suggestions as to improved appliances for launching ships' boats. 3 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, p. 41–50. *New York*, 1899.)

—— —— (Marine Engineering. v. 5, pp. 18–22. *New York*, 1900.)

Welin (The) boat-lowering gear. (Engineer. v. 92, p. 337. *London*, 1901.)

—— —— (Engineering. v. 73, p. 227. *London*, 1902.)

Bottoms.

Saldanha (Luiz Philippe de). Memoir on the novel formation of the bottoms of ships and vessels proposed by the Brazilian naval architect Trajano A. de Carvalho. *Philadelphia*, 1876. plans. 12°.

Bulkheads.

Closing bulkhead doors by electricity. (Marine Engineer. v. 27, pp. 15–18. *London*, 1905.)

Donovan (R. J.) Water-tight doors. (Sibley Jour. of Engineering. v. 15, pp. 53–60. *Ithaca*, 1900.)

Duchesne (E.) Contribution à la recherche de l'insubmersibilité des grands navires d'acier. (Mem. & compte rendu de la Soc. d. ingén. civils. Bull. sér. 6, 1901, v. 2, pp. 792–803. *Paris*, 1901.)

Dunn (James). Bulkheads. (In: Naval professional papers, no. 15. pp. 52–62.)

Hovgaard (William). Water-tight subdivision of warships. [With discussion.] 7 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 67–113. *New York*, 1903.)

—— —— (Engineer. v. 98, p. 45. *London*, 1904.)

Hydraulically operated bulkhead doors. (Engineering. v. 72, pp. 48–49. *London*, 1901.)

Morrison (John H.) Water-tight compartments and bulkheads in steam vessels. (Cassier's Maga. v. 12, pp. 711–714. *New York*, 1897.)

Norton (Harold F.) Notes on the strength of water-tight bulkheads for battleships and cruisers. [With discussion.] 3 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 217–239. *New York*, 1905.)

—— Beam formulæ applied to a vertically stiffened bulkhead, with some results. 1 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 7, pp. 147–157. *New York*, 1899.)

Porte de sûreté à commande électrique, pour cloison étanche de navire. (Genie civil. v. 36, p. 205. *Paris*, 1900.)

Regarding the bulkhead safety device as used on the passenger steamships of the North German Lloyd Steamship Company. *New York: Oelrichs & Co.* [1903] 2 l. illus. 4°.

Reprinted from the N. Y. *Herald*, Dec. 11, 1903.

Woodward (J. J.) Test of the bulkhead separating the engine rooms of the battle-ship "Illinois." (Engineering News. *New York*, 1898. f°. v. 40, pp. 310–311.)

Capstans and Winches.

Description of and mode of using Capt. Phillips's improved capstans, corresponding with the letters and references in the annexed plate. *London: G. Eccles*, 1830. 10 p., 1 pl. 8°.

Hermann (Erich). Elektrisch betriebene Spille. (Elektrotech. Ztschr. Jahrg. 28, pp. 51–55. *Berlin*, 1907.)

Loppé (F.) Nouveau système de cabestan électrique. (Rev. tech. Année 25, pp. 1081–1084. *Paris*, 1904.)

Perkins (Frank C.) English and American capstans and electric winches. (Internat. Marine Engineering. v. ii, pp. 178–180. *New York*, 1906.)

Solier ( ). Les cabestans électriques du port d'Anvers. (L'éclair. électr. v. 38, pp. 94–98. *New York*, 1904.)

Windlass and capstan gear of R. M. S. Oceanic. Constructed by Messrs. Napier, brothers, limited, Windlass engine works, Glasgow. (Engineering. v. 68, pp. 436–438. *London*, 1899.)

Centreboard.

Aflalo (F. G.) A voyage to Australia in 1800. (Being the first long voyage performed by a vessel fitted with centre-boards, then known as sliding keels.) (Empire Rev. v. 6, pp. 169–176. *London*, 1903.)

Stephens (W. P.) The centerboard—its influence on design, its value, and its proper use. *n. p.* [1895?] 16 pp. 4°. (Trans. Soc. Naval Archi. and Marine Eng. Advance sheet no. 9.)

Christening.
See Names and Naming.

Cleaning.

Redman's system for cleaning and painting ships. (Engineering. v. 77, p. 638. *London*, 1904.)

Coaling and Coaling Stations.

Bidault des Chaumes (A.) Le ravitaillement en mer des navires au moyen de transporteurs aériens. (Génie civil. v. 49, pp. 33–38. *Paris*, 1906.)

Bradford (R. B.) Coaling-stations for the navy. (Forum. *New York*, 1899. 8°. v. 26, pp. 732–747.)

Coaling a cruiser at sea. (Engineer. v. 101, p. 353. *London*, 1906.)

Coaling vessels at sea. (Engineer. v. 89, pp. 75–76. *London*, 1900.)

Edwards (J. R.) The coaling of warships. 6 pl. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 1–49. *Washington*, 1901.)

Eyncourt (E. H. Tennyson d'). Fast coaling ships for our navy. [Discussion.] 1 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 221–229. *London*, 1903.)

Ferretti (E.) Rifornimento di combustibile in mare. (Rivista marittima. anno 35, pp. 39–57. *Roma*, 1902.)

Hurd (Archibald S.) Coal, trade, and the empire. (Nineteenth century. *London*, 1898. 8°. v. 44, pp. 718–723.)

Leue (Georg). Der Leue-Apparat zum Bekohlen von Kriegsschiffen in Fahrt. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 476–500. *Berlin*, 1906.)

Lodian (L.) The coaling of trans-oceanic leviathans. (Coal Trade Jour. v. 39, p. 558. Sept. 12, 1900. *New York*, 1900.)

—— Some odd uses of coal. (Coal Trade Jour. v. 40, pp. 628, 651. July 24, 31, 1901. *New York*, 1901.)

—— Steamers' speeds and coal requirements. (Coal Trade Jour. v. 39, p. 572. Sept. 19, 1900. *New York*, 1900.)

Mackrow (G. C.) Coaling of ships of war at sea and in harbour. [Discussion.] (Jour. Roy. United Service Inst. v. 49, pp. 159–168. *London*, 1905.)

Miller (Spencer). The coaling of the U. S. S. Massachusetts at sea. With discussion. 8 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 155–165. *New York*, 1900.)

—— Coaling vessels at sea. 3 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 1–17. *New York*, 1899.)

—— Coaling warships at sea—recent developments. [Discussion.] 13 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 177–200. *New York*, 1904.)

—— The problem of coaling warships at sea. (Engineering Maga. v. 18, pp. 710–721. *New York*, 1900.)

New (A) apparatus for the coaling of warships. (Scientif. Amer. v. 95, p. 381. *New York*, 1906.)

New (The) coaling station at Narragansett Bay. (Engineering Rec. v. 52, pp. 599–603. *New York*, 1905.)

New South Wales.—*Coal Cargoes Further Inquiry Commission.* Report of the royal commission appointed to make further investigation into the causes of the dangers to which vessels carrying coal are liable; together with appendix. (Appointed 11th May, 1897.) *Sydney: W. A. Gullick, govt. prtr.*, 1900. 28 p., 6 dia. f°.

Niblack (A. P.) Colliers and coaling stations. 1 pl. (Proc. U. S. Naval Inst. v. 30, pp. 567–576. *Annapolis*, 1904.)

Sangley Point (The) coaling plant. (Engineering Rec. v. 46, pp. 123–126. *New York*, 1902.)

Schiff (F.) Les charbonnages du Tonkin. (Génie civil. v. 42, pp. 305–310. *Paris*, 1903.)

Schwarz (Tjard). Die Bekohlung der Kriegsschiffe. [Discuss.] 9 pl. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 446–475. *Berlin*, 1906.)

Smith (Augustus). The Narragansett Bay coal depot. 4 pl. (Amer. Soc. of Civil Engineers. Proc. v. 32, pp. 453–472. *New York*, 1906.)

Thierry (C. De). The empire's coaling stations. (Eng. Ill. Maga. v. 22, pp. 115–125. *London*, 1899.)

Tulloch (*Sir* A. B.) Naval coaling ports and their garrisons. [Discussion.] (Jour. Roy. United Service Inst. v. 49, pp. 141–158. *London*, 1905.)

United States.—*Naval Intelligence Office.* Coaling, docking, and repairing facilities of the ports of the world, with analysis of different kinds

Coaling and Coaling Stations, cont'd.

of coal. 3. ed. *Washington: Govt. Prtg. Off.*, 1892. 332 p. 8°. (Navig. Bur., Navy Dept.)

—— Same. *Washington: Govt. Prtg. Office*, 1900. 418 p. 4. ed. 8°.

Cold Storage.

See Refrigeration.

Collisions.

See also Wrecks.

Autran (F. C.) Collisions at sea. Liability where both ships are in fault, shipowner's liability, jurisdiction of courts. A study on conflict of law concerning the matters reserved for the next sitting of the International Maritime Committee. *Paris: C. Marescq & Co.*, 1899. 19 p. 8°.

Bailhac (Raffat de). Des collisions en mer et des moyens d'en diminuer les causes et les effets. (Bull. technique. (Inst. d. génie civil.) Année 1, pp. 221–229. *Paris*, 1899.)

Banaré (A.) Les collisions en mer et le sauvetage du personnel embarqué. (Rev. scient. *Paris*, 1898. 4°. Sér. 4, v. 10, pp. 747–754.)

—— Sauvetage du personnel embarqué; chalands intérieurs de sauvetage. 3 diag. (Rev. maritime. *Paris*, 1898. 8°. v. 139, pp. 385–403.)

Berry (A.) Moyens à employer pour éviter les collisions en mer, et modes de sauvetage, en cas de collisions. (Cong. internat. de la marine marchande Aug. 1900. Compte rendu. des trav. et des séances. pp. 246–253. *Paris*, 1901.)

Bertin ( ). Stability of passenger steamers after collision at sea, with discussion of means to prevent capsizing. (Marine Engineering. v. 6, pp. 222–225, 270–272, 338–340. *New York*, 1901.)

Chamber of Commerce of the State of New York. In relation to collisions at sea. December, 1858. *New York: J. W. Amerman*, 1859. 1 p.l., 49 p. 8°.

—— Report of committee on maritime collisions, May, 1858. *n. t.-p.* 11 p. 8°.

Collisions at sea. Observations upon the Report of the commercial law committee (of the Liverpool Chamber of Commerce)...[*New York*,] 1859. 1 l. f°. (Wall Street Underwriter, Suppl. Oct. 15, 1859.)

Fabre (Léonce). La vigie sous-marine; Système Orrechioni. (Bull. Soc. sci. indust. de Marseille. année 27, pp. 9–16. *Marseille*, 1899.)

France.—*Marine, Ministère de la.* Rapport de la commission chargée...de l'examen des règles pour prévenir les abordages ou collisions en mer proposées en 1890. *Paris: Imp. Nat.*, 1891. 26 p. f°.

Geffroy (Henri). Projet de règlement avant pour objet de prevenir les abordages en temps de brune. (Rev. maritime. v. 141, pp. 46–55. *Paris*, 1899.)

Great Britain.—*Marine Dept.* Regulations for preventing collisions at sea. 1896. *London: Eyre & Spottiswoode*, 1896. 26 p. 8°.

Haeckel (G.) Schadensersatzpflicht des Rheders beim Zusammenstoss von Schiffen. (Ztsch. f. d. Gesammte Handelsrecht. v. 52 (n. s., v. 37) pp. 171–221; v. 54 (n. s., v. 39) pp. 44–89. *Stuttgart*, 1902.)

Herberts (Hermann). Means for detecting the presence of a ship or iceberg. (Electrical Engineer. *New York*, 1898. 4°. v. 26, pp. 97–99.)

See also: Scientific Amer. supplement, v. 46, pp. 18905–18906.

Lamport (W. J.) A treatise on collisions at sea, and the Trinity rules. Reprinted from the Westminster Review, no 82. With an apx. and a letter on signal lights, from H. C. Chapman. *Liverpool: W. Webb*, 1845. 23 p. 2. ed. 8°.

Lindsay (W. S.) Report of a special committee of the Philadelphia board of trade upon the law of collisions at sea and other maritime, commercial and national subjects, embraced in an address...1860. *Philadelphia*, 1861. 34 p. 8°.

Lowndes (Richard). The Admiralty law of collisions at sea. *London: Stevens & Sons*, 1867. xx, 234 p. 8°.

Marsden (R. G.) The law of collisions at sea: a step towards uniformity. (Jour. Soc. of Comparative Legislation. N. S. no. 1, pp. 40–45. *London*, 1899.)

Mittel um die Zusammenstösse auf dem Meere zu verhüten. (Dinglers polytech. Jour. v. 315, pp. 113–116. *Stuttgart*, 1900.)

Pickering (E. C.) Navigation in fog. *Cambridge: J. Wilson & Son*, 1897. 11 p. 8°.

Raikes (F. W.) Collision at sea. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 396–404, 469–478.)

Shope (Julian Bedford). Collision at sea. [*New York: Amer. Law Bk. Co.,?*] 1903. 1 p.l., 299–420 p. 4°.

Spilberg (A.) Mémoire sur une boussole d'alarme ou avertisseur électro-magnétique de l'approche d'un navire en fer. (Soc. belge d'electriciens. Bull. mensuel. v. 19, pp. 87–99. *Paris*, 1902.)

United States.—*Navigation Bureau.* Regulations for preventing collisions on the water, 1867. *Washington: Govt. Print. Office*, 1867. 12 p. 12°. (Navy Dept.)

—— *President.* Proclamation. [Collisions at sea. July 13, 1894.] *Washington*, 1894. 9 p. 8°.

Wittmaack (H.) Ueber die Haft des Rheders bei Schiffskollisionen nach englishem Recht. (Zeitschr. f. das gesammte Handelsrecht. *Stuttgart*, 1898. 8°. (v. 47) N. S. v. 32, pp. 294–351.)

Compressed Air on Ships.

Kinkaid (T. W.) Compressed air on warships. (Cassier's Maga. *New York*, 1898. 8°. v. 15, pp. 67–74.)

Davits.

See also Boats Launching.

Abbott, *Lieut.* On ships' davits in relation to life saving, with a proposed new form of davit. Plate. (Roy. Scottish soc. of arts. Trans. v. 14, pp. 277–285. *Edinburgh*, 1897.)

Welin (Axel). Die Quadrant davits. [With discussion.] (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 128–140. *Berlin*, 1904.)

Disinfection.

David (E.), *and* G. DURIAU. État actuel de la désinfection des navires; carbonication, sulfuration (procédé Clayton). (Rev. d'hygiène. v. 25, pp. 500–521. *Paris*, 1903.)

Green (C. M.) Disinfecting steamer Sanator for the U. S. Marine Hospital Service. (Marine Engineering. v. 5, pp. 126–123. *New York*, 1900.)

Willey (Day Allen). Floating disinfecting stations. (Cassier's Maga. v. 23, pp. 748–754. *New York*, 1903.)

Displacement and Dimensions.

Alexander (F. H.) A displacement table for use with the Tchebycheff formula. [Discussion.] (Transac. North-east Coast Inst. of Engineers and Shipbuilders. v. 19, pp. 155–167. *London*, 1903.)

Cerio (Edwin). Il peso delle navi. 2 pl. (Rivista Marittima. Anno 38, pp. 281–304. *Roma*, 1905.)

Durand (W. F.) The number of longitudinal intervals in ship computation, as affecting the accuracy of integration for displacement. *n. p.* [1895?] 10 p., 1 plan. 4°. (Trans. Soc. Naval Archi. & Marine Eng. Advance sheet no. 6.)

Great Britain —*Trade, Board of.* Instructions and regulations relating to the measurement of ships and tonnage under the merchant shipping act, 1894. *London: Darling & Son, ltd., prtrs.*, 1898. 134 p., 1 l. 8°.

Leland (Walter S.) Displacement and stability calculations by improved methods. 6 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 271–277. *New York*, 1903.)

Maxton (James). Registered tonnages and their relation to fiscal charges and design. [Discussion.] 2 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 254–265. *London*, 1903.)

Normand (J. A.) Approximate rules for the determination of the displacement and dimensions of a ship in accordance with a given programme of requirements. (Engineer. v. 92, p. 311. *London*, 1901.)

—— The displacement and dimensions of ships. (Marine engineering. v. 6, pp. 468–470. *New York*, 1901.)

Owen (H.) The tonnage and freeboard of merchant ships. *Glasgow: J. Brown & Son*, 1906. 2 p l., iii, 48 p. 8°.

Rapid increase in the dimensions of steamers and sailing vessels. Draught of water of these. Effect of the increase on the harbours, canals, and approaches. General report by A. Jorini. [Reports by F. Vétillart, C. Verdinois, and E. L. Corthell.] *Brussels: Pr. Off. of the Publ. Works*, 1905. 4 pmps. 8°. (Internat. Congress on Navigation (X). Sec. 2, com. 1.)

Scribanti (Angelo). Alcune nozioni sulla stazzatura delle navi. (Atti d. Coll. d. ingeg. navali e meccanici in Italia. anno 2, pp. 199–219. *Genova*, 1901.)

Soliani (Nabor). Subdivision of weights in ships' displacement. [Discussion.] (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 243–259. *New York*, 1904.)

Steele (Robert). Letter to the Chamber of Commerce, Greenock, in reply to the remarks made by a member of the late tonnage committee, in reference to the report by Mr. R. Steele, on the admeasurement of shipping for tonnage... *Greenock: Advert. Office*, 1835. 20 p. 8°.

Draft.

Babcock (Henry N.) The draft of vessels in motion in shallow channels compared with their stationary draft. (Engineering News. v. 52, pp. 101–103. *New York*, 1904.)

Taylor (D. W.) A handicap on United States battleships. 3 pl. (Proc. U. S. Naval. Inst. v. 30, pp. 501–509. *Annapolis*, 1904.)

Electric equipment.

Adams (Alton D.) Electric auxiliary machinery in the United States navy. (Engineer. v. 88, pp. 233–234. *London*, 1899.)

Baxter (William), *jr.* Electricity on board ship—principles and practice. (Marine Engineering. v. 1, (July) pp. 31–34; (Aug.) pp. 33–35; (Sept.) pp. 35–36; (Oct.) pp. 28–30; (Dec.) pp. 38–40; v. 2, (Jan.) pp. 28–29; (Mar.) pp. 32–34; (Apr.) pp. 30–32; (June) pp. 37–39; (July) pp. 27–29; (Aug.) pp. 26–29; Sept. pp. 36–38; (Oct.), pp. 37–39; (Dec.) pp. 47–50; v. 3, (Jan.) pp. 43–45; (Mar.) pp. 36–39; (Apr.) pp. 46–47; (June) pp. 44–46; v. 4, pp. 86–88, 231–234; v. 5, pp. 88–91, 131–134, 223–226, 399–402; v. 6, pp. 37–39, 120–124. *New York*, 1897–1901.)

Blackwell (F. O.) The probable future developments in the use of electricity on board ships. [Discussion.] (Soc. of Naval Architects & Marine Engineers. Trans. v. 10, pp. 23–42. *New York*, 1902.)

Bullard (W. H. G.) Naval electrician's text and hand book. *Annapolis, Md.: U. S. Naval Institute*, 1904. 547 p., 3 pl. 24°.

Cómo estaba iluminada la flota inglesa en Spithead. (Rev. general de Marina. *Madrid*, 1898. 8°. v. 42, pp. 861–867.)

Electric (The) plants of the battleships Kearsarge and Kentucky. (Electr. World and Engineer. v. 34, pp. 813–818. *New York*, 1899.)

Electricity in warships. (Engineer. v. 87, pp. 441–442. *London*, 1899.)

General Electric Company. Marine electrical apparatus. *Schenectady*, 1900. 62 p., 1 l. 12°.

George (Harry). Electricity in the navy. (Transac. Amer. Inst. of Electr. Engineers. v. 19, pp. 1269–1318. (Monthly issue.) *New York*, 1902.)

Gerard (Leon). Quelques applications de l'electricité dans les construction navales. (Soc. belge d'electr. Bull. mensuel. v. 19, pp. 448–463. *Bruxelles*, 1902.)

Gisborne (T. N.) On the value of electricity for conveying orders from the captain of a steamer to the steersman and engineer. *n. p.* [1865.] 63–67 p. 12°.

Grauert ( ). Die electrischen Anlagen neuerer Kriegsschiffe. (Elektrotechnische Ztsch. Jahrg. 21, pp. 970–977; 992–997. *Berlin*, 1900.)

Electric equipment, cont'd.

Greene (S. Dana). Electricity on board ship. (Electrical Engineer. *New York*, 1899. 4°. v. 27, pp. 215–217.)

Grove (C. E.) The electrical equipment of ships of war. (Electr. Engineer. v. 31 (n. s. v. 25), pp. 488–491; 519–521; 551–557; 595–599. *London*, 1900.)

—— The electrical equipment of ships of war. (Jour. Inst. of Electr. Engineers. v. 29, pp. 530–602. *London*, 1900.)

Harris (Ernest L.) The use of electricity on German vessels. (Consular Reports. v. 72, pp. 43–47. *Washington*, 1903.)

Laceste ( ). Note au sujet du matériel électrique en service dans la marine. (Mém. du génie maritime. sér. 3, no. 5, pp. 83–102. *Paris*, 1903.)

Lecointe (A.) Propulsion des navires par des moteurs à vitesse constante et tournant dans un seul Sens. Système "Del Proposto." (Soc. belge d'électr. Bull. mensuel. v. 21, pp. 263–313. *Bruxelles*, 1904.)

Lutz (Robert). Elektrotechnik an Bord. (Mittheil a. d. Gebiete d. Seewessens. v. 30, pp. 763–784. *Pola*, 1902.)

McFarland (Walter M.) Electricity in the navy. (Transac. Amer. Inst. of Electr. Engineers. v. 19, pp. 1387–1395. (Monthly issue.) *New York*, 1902.)

Martinez (Giulio). Electricity in the Italian navy. (Electrical World & Electr. Engineer. v. 33, pp. 341–342; 368–370; 403–405; 439–442; 471–473; 503–505. *New York*, 1899.)

Maschinenbau und Elektrotechnik. Atlas technischer Modelle. 46 zerlegbare, zum Teil bewegliche Modelle von Maschinen und Apparaten sowie das Modell eines Kriegsschiffes und eines Torpedobootes nach neuestem und teilweise amtlichem Material bearbeitet von den Ingenieuren Weiland ...M. Mastaglio, W. Häntzschel, Fritz Feiler, F. Fritsche mit Zeichenerklärung und erläuterndem Text. *Berlin: A. Dochow* [1902?]. 50 l., 29 pl. obl. 4°.

Maugas ( ). L'électricité à bord des navires de guerre. (Bull Soc. internat. d. électr. sér. 2, v. 5, pp. 679–691. *Paris*, 1905.)

—— Note sur les installations électriques à bord des batiments de combat. (Mém. du génie maritime. sér. 3, no. 2, pp. 77–131. *Paris*, 1901.)

Minel (P.) Électricité appliquée à la marine. *Paris* [1894?]. (Encycl. scient. d'aide-mem. Sect. de l'ingén.)

Mueller (Johannes J. C.) Lehrbuch der Elektrotechnik. Mit besonderer Berüchsichtigung der elektrischen Anlagen auf Schiffen...*Braunschweig: F. Vieweg & Sohn*, 1903. xv, 393 p., 2 pl. 8°.

Pontifex (B.) Electric light on torpedo vessels. (Electrical Engineer. *London*, 1898. 4°. n. s. v. 22, pp. 455–457.)

Robison (J. K.) Electricity for the operation of auxiliary machinery on war-ships. (Engineering Maga. v. 18, pp. 209–222. *New York*, 1899.)

Roedder (O. C.) Die elektrotechnischen Einrichtungen moderner Schiffe. Mit 222 Abbildungen und 2 Tafeln... *Wiesbaden: C. W. Kreidel*, 1903. xx, 346 p., 1 plan. 4°.

—— Die Verwendung der Elektrizität auf den Kriegsschiffen "Kearsarge" und "Kentucky" der Vereinigten Staaten. (Ztsch. d. Vereines deut. Ingenieure. v. 44, pp. 1606–1612; 1688–1693. *Berlin*, 1900.)

Santistéban (Juan Manuel de). La electricidad en los buques. (Revista general de marina. v. 43, pp. 734–742. *Madrid*, 1898.)

Schulthes (C.) Der Einfluss der Elektricität auf die Sicherheit der Schiffahrt. 2 pl. (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 561–642. *Berlin*, 1903.)

Shepard (George H.) Applications of electricity on a modern warship. (The Engineering Maga. *New York*, 1898. 8°. v. 15, pp. 280–288.)

Simion (Ernesto). Le applicazioni dell' elettricità ai servizi navali. (Riv. Marittima. [Supplemento.] anno 40, pp. 1–67. *Roma*, 1907.)

Walling (B. T.) Diseases of electrical installations in the navy. Their causes and remedies. (Proc. U. S. Naval Inst. *Annapolis*, 1898. 8°. v. 24, pp. 191–261; 617–735.)

Woodward (J. J.) The electric plants of the battleships Kearsarge and Kentucky. 18 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 59–111. *New York*, 1899.)

—— Tests of the electric plants of the battleships Kearsarge and Kentucky. With discussion. 68 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 95–153. *New York*, 1900.)

Experiment Tanks.

Durand (W. F.) Equipment for experimental work on resistance and propulsion of ships installed at the hydraulic laboratory of Cornell University. (Marine Engineering. v. 7, pp. 274–283. *New York*, 1902.)

Eger ( ), ( ) Dix *and* R. Siefert. Die Versuchsanstalt für Wasserbau und Schiffbau in Berlin. 3 pl. in atlas. (Ztschr. f. Bauwesens. Jahrg. 56, col. 323–344; Jahrg. 57, col. 67–77; 253–306. *Berlin*, 1906–07.)

Macgregor (Evan). Admiralty report on the value of experimental tanks for testing ships' models. (Transac. Inst. of Naval Architects. v. 45, pp. xlix–l. *London*, 1903.

Piaud (L.) Le bassin d'expériences de la marine française, à Paris. [illus.] 1 pl. (Le génie civil. v. 49, pp. 289–293. *Paris*, 1906.)

Richou (G.) Installation pour les essais des modèles de navires aux chantiers de construction de la marine américaine, à Washington. (Génie civil. v. 35, pp. 345–347. *Paris*, 1899.)

Schüman (E.) Die Versuchsanstalt für Wasserbau und Schiffahrt zu Berlin. [Discussion.] 3 pl. (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 393–405. *Berlin*, 1903.)

Ship-model experimental tank at the Clydebank shipyard. 1 pl. (Engineering. v. 81, pp. 541–545. *London*, 1906.)

Experiment Tanks, cont'd.

Taylor (D. W.) The new government testing tank for ship models at the Washington navy yard. (Engineering News & Amer. Railway Jour. v. 42, pp. 2–4. *New York*, 1899.)

—— The United States experimental model basin. With discussion. 23 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 37–61. *New York*, 1900.)

—— Some recent experiments at the U. S. model basin. [Discussion.] 20 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 107–134. *New York*, 1904.)

United States (The) experimental model basin. (Amer. Machinist. v. 22, pp. 613–617. *New York*, 1899.)

—— (Electr. Engineer. (O. S. v. 30.) N. S. v. 24, pp. 198–201. *London*, 1899.)

Walton (T.) Trimming tanks. *London: Pewtress & Co.*, 1897. 40 p. 8°. (Shipmasters' society, London. Course of papers. no. 53.)

White (*Sir* William H.) On the establishment of an experimental tank for research work on fluid resistance and ship propulsion. [Discussion.] (Transac. Inst. of Naval Architects. v. 46, pp. 39–63. *London*, 1904.)

—— A national experimental tank. (Engineering. v. 77, pp. 482–484. *London*, 1904.)

Figure heads.

Allingham (William). Ships' figure-heads. (Gentleman's Maga. v. 294, pp. 9–19. *London*, 1903.)

Enschede (Joannes). *De tutelis et insignibus navium. *Lugduni Batavorum*, 1770. 2 p.l., 48 p., 2 l. 4°.

Smith (H. D.) Celebrated figureheads of historical ships. (United Service. v. 6, pp. 141–147. *New York*, 1904.)

Fires.

Bland (William). Suppression of spontaneous combustion in wool ships ... *Sidney: E. Alcock, printer*, 1843. 6 p., 1 pl. 8°.

Carbonic acid method.

Canning (George). Fires on shipboard: their causes, and the methods for prevention and extinction. 2 pl. (Junior Inst. of Engineers. Rec. of Transac. v. 14, sess. 23, 1903–1904, pp. 27–45. *London*, 1905.)

Heck (John H.) Fire extinguishing apparatus for ships. [With discussion.] (Transac. North-east Coast Inst. of Engineers and Shipbuilders. v. 19, pp. 33–49. *London*, 1903.)

New York Board of Underwriters. Causes of fire in cotton and cotton laden vessels, with recommendations for its detection and prevention. *New York*, 1866. 8 p. 8°.

Ordonnance du roy, Pour empescher que les vaisseaux marchands moüilez dans le Port de Marseille ne soient endommagez par le feu, et pour êtablir les moyens de l'eteindre en cas que ces accidens arrivent. Du 14. Aoust 1719. *n. t.-p. Colophon: A Paris, de l'imprimerie royale*, 1719. 8 p. 8°.

Pelli-Fabbroni (Leopoldo). Memoria intorno ad un materiale atto a rimuovere il pericolo d' incendio segnatamente nelle navali costruzioni. *Firenze*, 1838. pl. 8°.

Sachs (Edwin O.) Fire prevention on board ship. [Discussion.] (Transac. Inst. of Naval Architects. v. 46, pp. 273–289. *London*, 1904.)

—— (Engineering. v. 77, pp. 658–660. *London*, 1904.)

Fittings.

Carpenter (G. B.) *& Co.* [Catalogue of] Mill, railroad and vessel supplies... *Chicago: G. B. Carpenter & Co.* [1897] xxiv, 743 p. 12°.

—— [Marine hardware, yacht, sails and rigging.] Catalogue no. 26. [*Chicago*, 1902?] 182 p., 2 l. 4°.

Newhall Ship Chandlery Co., New York. [Catalogue] 1899. *New York: the Company*, 1899. 24°.

See (Horace). Some sea specialties, 1899, 1902, 1904. *New York*, 1899–1904. 3 v. 16°.

Stone (J.) *& Co.* Ships' fittings and brass work. [Catalogue.] *London*, 1895. 123 p. 4°.

Watt (R. M.) Novelties in ship fittings. 17 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 217–228. *New York*, 1899.)

Fouling and Sheathing.

Account (An) of the first introduction of coppering ships' bottoms. [*London*, 1779.] 13–16 p. 12°.

Atherton (W. H.) The fouling of ships. (Engineers' Gaz. v. 14, pp. 83–85. *London*, 1900.)

Bankson (Lloyd). Notes on sheathing the U. S. S. Chesapeake. 3 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 159–166. *New York*, 1899.)

—— —— (Marine Engineering. v. 5, pp. 100–104. *New York*, 1900.)

Dangers (The) of the use of metallic copper in anti-fouling compositions. (Engineers' Gaz. v. 13, pp. 192. *London*, 1899.)

[Hale (Thomas).] An account of several new inventions and improvements now necessary for England...relating to building of our English shipping...[etc.] Herewith is also published... The proceedings relating to the Mill'd-Lead-sheathing...[By T. H., *i. e.*, Thomas Hale.] Also a treatise of Naval philosophy by Sir W. Petty. *London: J. Astwood*, 1691. 8 p.l., cxxvi, 9 l., 132 p., 2 tab. 12°.

Holzapfel (A. C.) Der Anstrich von Schiffsböden. [With discussion.] (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 398–416. *Berlin*, 1904.)

—— Ships' composition. [Discussion.] (Transac. Inst. of Naval Architects. v. 46, pp. 252–272. *London*, 1904.)

Roux (F. L.) Conservation des plaques des navires cuirassés et des coques en fer par l'application directe d'un doublage en cuivre. *Paris: A. Bertrand*, 1866. 2 p.l., 63 p., 2 pl. 12°.

W. ( ). Protective coatings for the immersed portions of iron vessels. (Jour. Franklin Inst. v. 149, pp. 230–232. *Philadelphia*, 1900.)

Fouling and Sheathing, cont'd.

Young (C. F. T.) The fouling and corrosion of iron ships; their causes and means of prevention; with mode of application to the existing ironclads. *London*, 1867. illus. pl. 8°.

Free board and load line.

Allingham (William). Under-laden sailing-ships and steamers... *London: Pewtress & Co.*, 1901. 1 p.l., 65–81 p. 8°. (Shipmasters' Society, London. Course of papers, no. 73.)

Great Britain.—*Trade, Board of.* North Atlantic Winter Freeboard. Copy of the report "of a committee appointed to consider the operation of the North Atlantic Winter Freeboard as prescribed by the load line tables, to examine the present mode of assigning freeboards to vessels of the turret-deck type, and to advise as to the extension of the present load line tables for steam vessels not having spar or awning decks." March 23, 1899. *London: Wyman & Sons, ltd., prtrs.*, 1899. 9 p., 1 tab., 1 l. f°. (H. of Com. pap. 126.)

—— —— —— Minutes of evidence. iii, 112 p. (H. of Com. pap. 283.)

King (J. Foster). Notes on the freeboard rules. [With discussion.] 3 pl. (Inst. of Naval Architects. Trans. v. 48, pp. 157–169. *London*, 1906.)

Load (The) line question. [Signed] A master mariner. (Nautical Maga. v. 68, pp. 293–306. *London*, 1899.)

Plimsoll (Samuel). Our seamen: an appeal. Popular edition. *London: J. Virtue & Co.*, 1873. viii, 1 l., 128 p., 1 map. 12°.

Schmidt (A.) Die Feststellung einer Tiefladelinie. [With discussion.] (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 79–104. *Berlin*, 1904.)

Some considerations on freeboard and on the relation between scantlings and freeboard. (Engineer's Gaz. *London*, 1899. v. 134, pp. 51–53.)

Heating.

Froud (A. G.) Heating of ships and their cargoes: waste of heat in steamers. *London*, 1891. 30 p. 8°. (Shipmasters' society, London. [Course of papers. no. 15.])

Jennings (F. W.) The ventilation and heating of ships by a forced circulation of warm air. (Engineers' Gazette. v. 14, pp. 19–20. *London*, 1900.)

Hulls.

Froude (R. E.) Some results of model experiments. [Discussion.] 5 pl. (Transac. of Naval Architects. v. 46, pp. 64–92. *London*, 1904.)

Lévêque (A.) Note sur les modifications à apporter aux coques des navires, pour limiter les conséquences des naufrages et des collisions. (Mém. et compte rendu des travaux d. l. Soc. des ingénieurs civiles de France. *Paris*, 1898. 8°. Sér. 5, v. 51, pp. 70–78.)

Hygiene.

Collingridge (W.) Practical points in the hygiene of ships, and quarantine. *London*, 1894. 43 p. 8°. (Shipmasters' society, London. Course of papers. no. 33.)

Kulenkampff (D.) Schiffshygiene. (In: Handbuch der Hygiene, hrsg. von T. Weyl. *Jena*, 1893. 8°. Bd. 6, pp. 181–235.)

Ice plants.

See Refrigeration.

Launching.

Chace (Mason S.) Notes on the launching of the cruiser Chattanooga. [With discussion.] 10 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 291–299; 343–348. *New York*, 1903.)

Champness (H. R.) The launch of a battleship. 7 pl. (Inst. Mechanical Engineers. Proc. 1899, pp. 329–346. *London*, 1900.)

—— On the launch of a British battleship from a government dock yard. (Marine Engineering. v. 5, pp. 138–147. *New York*, 1900.)

Dickie (James). Launch of a cruiser and a battleship. [With discussion.] 9 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 279–291. *New York*, 1900.)

—— Launch of the U. S. A. cruiser "South Dakota" at the Union Iron Works, San Francisco. [With discussion.] 1 table. (Transac. North-East Coast Inst. of Engineers and Shipbuilders. v. 21, pp. 77–95. *Newcastle-upon-Tyne*, 1905.)

Dietzius (Alexander). Einfluss der Stampfbewegungen beim Stapellauf auf die Beanspruchung des Schiffes. (Schiffbau. Jahrg. 6, pp. 287–294. *Berlin*, 1905.)

Fairburn (William A.) Launching of large merchant vessels. [With discussion.] (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 307–348. *New York*, 1903.)

Groesbeck (William G.) Notes on side launchings. [With discussion.] 4 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 301–305. *New York*, 1903.)

How the Oceanic was launched. (Engineer. *London*, 1899. f°. v. 87, pp. 54–55.)

Launch of the United States battleships Kearsarge and Kentucky. (Marine Engineering. *New York*, 1898. 4°. v. 2, no. 5, pp. 1–6.)

Launching mishaps. (Engineer. *London*, 1898. f°. v. 86, pp. 387–388.)

P. (D.) Launching ceremony and customs. 1 pl. (Nautical Maga. v. 75, pp. 112–117. *Glasgow*, 1906.)

Recent practice in launching warships in the United States. (Engineering News. v. 52, pp. 563–567. *New York*, 1904.)

Robinson (R. H. M.) Recent launching practice of the Atlantic coast. [Discussion.] 5 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 345–352. *New York*, 1904.)

Weymeyer (Adolfo). Sul varo delle navi. (Rivista marittima. anno 35, pp. 59–78; 323–348. *Roma*, 1902.)

Life Boats.

Barnaby (Sidney Walker). Hydraulic life-boats. *London: The Inst.*, 1897. 8 p., 1 pl. 8°.
Rep.: Min. of proc. of Inst. Civ. Eng. v. 130, sess. 1896–97. Pt. 4.

Life Boats, cont'd.

China.—*Statistical Department.* Chinese life-boats, etc. *Shanghai*, 1893. vi, 68, cxvii p. 4°. (Special series, no. 18.)

Francis' Metallic Life Boat Company. [Circular.] *New York: W. C. Bryant & Co.*, 1852. 1 p.l., ii, 3–114 p., 2 pl. illus. 4°.

Greathead (H.) The report ... respecting the invention of the life-boat. Also... documents illustrating the origin, principles and construction ... with practical directions for the management of life-boats. *London: L. Hansard*, 1804. viii, 71 p. 8°.

Harris (Ernest L.) Unsinkable lifeboat. (Monthly Consular Repts. no. 290 (Nov. 1904). pp. 77–80. *Washington*, 1904.)

Installation de chalands de sauvetage à bord dés paquebots. (Génie civil. v. 36, p. 189. *Paris*, 1900.)

Jones (Owen). The cruise of the Challenger [Richardson's Patent Tubular] Life-boat, and voyage from Liverpool to London, in 1852. [Signed Owen Jones. With an appendix by H. [H.] Richardson.] *London: W. Pickering*, 1853. xii, 119 p. 16°.

Lacon (W. S.) On the management of ships' boats: a letter to... the president of the Board of trade, with extracts of evidence taken on the trial of the officers of the "Orion" in Aug., 1850; and extracts from the statements and evidence of the survivors of the "Amazon." *London: Parker, Furnivall, & Parker*, 1852. 55 p. 8°.

Lewis (Richard). History of the life-boat and its work. *London*, 1874. il. pl. 12°.

Log of Ingersoll's metallic life boat, "Red, White and Blue." The smallest boat that ever crossed the Atlantic Ocean. *New York: Bunce & Co., prtrs.* [1867?] 1 p.l., 12 p. 8°.

M'Lellan (C. H.) The evolution of the life-boat. (Marine Engineering. v. 11, pp. 7–11. *New York*, 1905.)

—— Twin screw lifeboat for the U. S. life saving service. (Marine Engineering. v. 5, pp. 25–26. *New York*, 1900.)

—— The U. S. Life-Saving Service self bailing water ballast surfboat. (Marine Engineering. v. 6, pp. 94–99. *New York*, 1901.)

Platt (John). Oil fuel experiments on hydraulic life boat Queen. 3 pl. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 385–392.)

Report of the committee appointed to examine the life-boat models submitted to compete for the premium offered by the Duke of Northumberland. *London*, 1851. pl. charts. f°.

Rettungsbehelfe für Schiffe. (Dingler's Polytech. Jour. v. 316, pp. 606–608. *Stuttgart*, 1901.)

Twin-screw lifeboat for the U. S. life saving service. (Engineers' Gaz. v. 14, pp. 42 and 43. *London*, 1900.)

Twin-screw (The) steam lifeboat "Molesey." (Engineering. v. 80, pp. 378 and 379. *London*, 1005.)

Walter (G.) Description of the patent Kamptulicon life boat, built under the direction of G. W. for the Patent elastic pavement and Kamptulicon Company... *London: W. Low*, 1844. 11 p., 1 pl. 8°.

Ward (J. R.) Lifeboats. *London: The Royal National Lifeboat Institution*, 1862. 1 p.l., 30 p., 2 pl. 8°.

Repr.: Journal of the Royal United Service Institution. v. 6.

Washington (John). Report of the committee appointed to examine life-boat models submitted to compete for premium offered by the Duke of Northumberland...; with appendix. *London*, 1851. pl. charts. f°.

—— Shipping, particularly life-boats. *London: D. Bogue* [1852?]. 1 p.l., 541–622 p., 1 map. 12°. (Lectures on the results of the exhibition, delivered before the Society of Arts, Manufacture, and Commerce, at the suggestion of H. R. H. Prince Albert, president of the society. no. 12.)

Lights and Lighting.

Adams (Alton D.) Suggestions for the selection of electric lighting sets for ship use. (Marine Engineering. v. 4, pp. 25–27. *New York*, 1899.)

Cay (William Dyce). Lenses for ships' lights. Communication. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 7 p. 4°. (International Congress on navigation (VIII.) Sec. 3.)

Chamber of Commerce of the State of New York. Report of the committee on the use of electric and other lights on seagoing vessels. *New York*, 1874. 4 p. 8°.

Electric lighting circuits S.S. "Deutschland." (Engineering. v. 70, pp. 723–724. *London*, 1900.)

Koldewey ( ). Über Abblendung und Einrichtung der Seitenlichter. 1 table. (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 31, pp. 263–267. *Berlin*, 1903.)

Leblond (H.) Les installations électriques à bord des navires de guerre. (L'indust. électr. Année 13, pp. 5–12; 55–57. *Paris*, 1904.)

Pettersson (Karl R.) Om fartygs-lantärnor. (Tekniska Föreningens i Finland Förhandl. Årg. 24, pp. 271–272. *Helsingfors*, 1904.)

Stone (J.), *and Co.* [Catalogue.] Stone's side lights for first class ships. [*London: Waterlow & Sons*, 1896.] 1 p.l., 40 p., 1 pl. sq. 4°.

United States.—*Equipment Bureau.* Specifications for incandescent electric lamps of the U.S. Navy... *Washington: Govt. Prtg. Office*, 1903. 8 p., 1 pl. 8°.

—— *Light House Board.* Report upon the intensity of lights to be used by the merchant marine as anchor and running lights. By a committee composed of W. S. Franklin [and others]. [*Washington*, 1891.] 1 p.l., 211–217 p. 8°.

Urquhart (J. W.) Electric ship-lighting... *London*, 1892. 12°.

Lightning Conductors.

Forbes (R. B.) Shipwreck by lightning. Papers relative to Harris's lightning conductors. *Boston*, 1853. 8°.

Lightning Conductors, cont'd.

Harris (*Sir* William Snow). On the utility of fixing lightning conductors in ships. *Plymouth: T. J. Bond*, 1830. 23 p., 1 pl. 8°.

Loading.

See Freeboard and Loadline; Ballast; Rolling; Stability; Stowage.

Log.

Caird (Robert). A graphic log. 1 pl. (Transac. Inst. of Engineers & Shipbuilders in Scotland. *Glasgow*, 1898. 8°. v. 41, pp. 155–162.)

De Saumarez (H.) A letter to a friend, setting forth the case of the author of the marine surveyor. Being an instrument designed for the improvement of navigation... [By H. De Saumarez.] *London*, 1725. 47 p. 4°.

Drakenberg (Jean). Der automatische Loggregistrier-Apparat von Hjalmar von Köhler. (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 238–245. *Berlin*, 1904.)

Napier's pressure log; or, Speed indicator for ships. [*Glasgow*, 1872?] 2 l. 8°.

Napier (J. R.) On pressure logs for measuring the speed of ships. [*Glasgow: Bell & Bain*, 1872?] 14 p. 8°.

Proceedings Philos. Soc., Glasgow, 1872.

Nicholson Ship Log Co. The perfected ship log. *Cleveland* [1902]. 12 l. 12°.

Spiers (H. J.) The log of a liner. (Marine Engineering. v. 10, pp. 368–371. *New York*, 1905.)

Machinery weight.

Sicard (W. F.) Weights of machinery [on ships]. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 1040–1080. *Washington*, 1905.)

Magnetism of Ships.

Engel (Pierre). Étude géométrique du champ magnétique d'un navire. (Rev. maritime. v. 169, pp. 215–226. *Paris*, 1906.)

Greene (B. F.) A series of papers from the transactions of foreign societies, by Poisson, G. B. Airy [and others]; edited, and the memoir of Poisson translated. (In: U S. Navy Dept., Bur. of Nav., Magnetism of ships. 1867.) pl.

Lyons (T. A.) The magnetism of iron and steel ships: an explanation of the various ways in which it affects the compass. *Washington*, 1884. 123 p. 20 pl. 8°. (Naval Professional Papers, no. 17.)

Magnetism: its general principles and special application to ships and compasses. *Washington*, 1883. 280 p. 14 pl. 8°. (Naval Professional Papers, no. 13.)

[**Poisson** ( ), Airy (G. B.), *and others.*] The magnetism of ships, and the deviations of the compass [edited by Benjamin Franklin Greene]. *Washington: Govt. Ptg. Off.*, 1867. v. p. 8. (U. S. Hydrographic Off. Pub. no. 8°.)

Masts.

See Rigging, etc.

Measurement.

See Dimensions and Measurement.

Mechanical equipment.

Gordons & Co. Chain messenger. [Reports, etc., relative to Gordons and Co.'s chain messenger.] *London: G. Eccles*, 1831. 7 p., 2 l., 1 pl. 8°.

Mackenzie (T.) Mechanical appliances on board ship. *London*, 1893. 32 p. 8°. (Shipmasters' society, London. Course of papers. no. 29.)

Tuthill (B. C.) The mechanical equipment of modern schooners. (Marine Engineering. v. 7, pp. 13–17. *New York*, 1902.)

Models.

Braz de Oliveira (João). Modeles de navios existentes na escola naval que pertenceram as museu de marinha. Apontamentos para ume catalogo. Traducção franceza de José Augusto Celestino Soares. *Lisboa: Imp. Nac.*, 1896. 28 l., 27 p. f°. (Portugal. Marinha e Ultramar, Minist. da.)

Peabody (Cecil Hobart). Ship model stations. (Technology quarterly. v. 19, pp. 339–353. *Boston*, 1906.)

Mortgaging.

Mortgaging (The) of inland shipping. General report by F. Berlingieri. [Reports by Kisker, de Sanctis, and Frola.] *Brussells: Pr. Off. of the Publ. Works*, 1905. 4 pmps. 8°. (International Congress on Navigation (X). Sect. 1, com. 3.)

Names and Naming.

Allingham (Wm.) The christening of ships. (Nautical Maga. v. 69, pp. 395–405. *London*, 1900.)

—— Ships' names. (Nautical Maga. v. 68, pp. 658–670. *London*, 1899.)

Hay (*Sir* John C. Dalrymple). What's in a name? Nomenclature of our battleships. (Blackwood's Edinburgh Maga. *London*, 1898. 8°. v. 163, pp. 671–676.)

Ramsay (James S.) The naming of British warships. (United Service Inst. v. 149 (n. s. v. 28.) pp. 5–10. *London*, 1903.)

Rendle (C. E. Russel). The nomenclature of the British navy. (United Service Maga. v. 149, (n. s., v. 28.) pp. 334–340. *London*, 1904.)

Oscillation.

See Stability.

Painting.

Ragg (M.) Die Schiffsbodenfarben. Ein Handbuch für Seeoffiziere, Schiffsingenieure, Schiffsbau- und nautische Anstalten. *Wiesbaden: O. Nemnich*, 1901. 68 p. 8°.

For Polar Expeditions.

Smith (W. E.) On the design of the Antarctic exploration vessel "Discovery." [With discussion.] 7 pl. (Transac. Inst. Naval Architects. v. 47, pp. 1–42. *London*, 1905.)

—— —— (Engineering. v. 79, pp. 470–475. *London*, 1905.)

Propeller.

Achenbach (Albert). Beitrag zur Konstruktion von Schiffsschrauben. 1 pl. (Schiffbau. Jahrg. 7, pp. 630–633. *Berlin*, 1906.)

Propeller, cont'd.

—— Die Schiffsschraube. *Kiel: R. Cordes*, 1906. 2 v. pl. 8°.

Teil 1. Ihre Entwicklung und zeichnerische Darstellung.
Teil 2. Ihre konstruktive Durchbildung mit einem Anhang. Der Schraubenantrieb der Motorboot.

Adam (J. Millen). An inquiry regarding the marine propeller. [With discussion.] 2 pl. (Transac. Inst. Engineers and shipbuilders in Scotland. v. 47, pp. 134–162. *Glasgow*, 1904.)

—— —— (Practical Engineer. v. 29, pp. 172–175; 289–290. *London*, 1904.)

Ahlborn (Friedrich). Die Wirkung der Schiffsschraube auf das Wasser. [With discussion.] 5 pl. (Jahrb. der Schiffbautechnisch. Gesellsch. v. 6, pp. 82–106. *Berlin*, 1905.)

Alheilig ( ). Étude des variations de l'avance par tour des hélices. 6 pl. (Mém. du génie maritime. sér. 3, no. 5, pp. 53–61. *Paris*, 1903.)

—— Note sur un point de la théorie de l'hélice mis en lumière par les essais de l' "Élorn." 29 pl. (Mém. du génie maritime. sér. 3, no. 4, pp. 5–29. *Paris*, 1902.)

Ball (*Sir* Robert Stawell). Further development of the relations between impulsive screws and instantaneous screws, being the eleventh memoir on the "Theory of screws." (Roy. Irish acad. Trans. v. 31, pp. 99–144. *Dublin*, 1897.)

—— The twelfth and concluding memoir on the "Theory of screws," with a summary of the twelve memoirs. (Roy. Irish acad. Trans. v. 31, pp. 145–196. *Dublin*, 1898.)

Barnaby (Sydney Walker). Note on the cavitation of screw-propellers. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 165, pp. 299–308. *London*, 1906.)

—— The screw-propeller... *London*, 1890. 82 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng., v. 102, Sess. 1889–90. Pt. 4.

Bellet (Daniel). Un bateau à propulsion automatique. (La nature. année 27, sem. 2, pp. 315–316. *Paris*, 1899.)

Bey (Marchand). Étude de la propulsion hydraulique. Théorie et pratique. (Rev. de mécanique. v. 9, pp. 163–177. *Paris*, 1901.)

Bourne (John). A treatise on the screw-propeller. *London*, 1852. 4°.

For the French translation see below under PARIS (F. E.).

Bull's metal propellers. (Marine Engineer. v. 21, pp. 346. *London*, 1899.)

Burgh (N. P.) Practical treatise on modern screw-propulsion. *London*, 1869. pl. 4°.

Burlingham (William). The deformation of propeller-blades. (Engineering. v. 83, pp. 263–265. *London*, 1907.)

Byrne (Alexander S.) Observations on the best means of propelling ships. *New York: C. S. Francis*, 1841. 47 p. 8°.

Carpenter (Edward J.) A letter to Captain G. T. Scobell, R. N., M. P., with documents relating to the invention of the "Screw-propeller," used in the Royal Navy. And to the misapplication of the grant of twenty thousand pounds, "remunerative compensation." Voted by the House of Commons. *London: B. Seeley*, 1855. 7 pp. 8°.

Caws (Frank). Remarks on the increasing frequency of failure of propeller shafts. (Engineers' Gaz. v. 13, pp. 103–104. *London*, 1899.)

Cerio (Edwin). Powering ships. (Marine Engineering. v. 10, pp. 21–26; 82–86; 121–125, 152–153. *New York*, 1905.)

Chaigneau (H.) Calculs des propulseurs hélicoidaux. 2 pl. (Bull. tech. Soc. d. anciens élèves d. écoles nat. d'arts & métiers. 1901, v. 2, pp. 647–688. *Paris*, 1901.)

Crump (A. H.) Some experiments with variable pitch propeller blades. [With discussion.] (Liverpool Engineering Soc. Transac. sess. 30, v. 25, pp. 374–384. *Liverpool*, 1904.)

D. (W. F.) The molding of propellers. (Internat. Marine Engineering. v. 11, pp. 184–190. *New York*, 1906.)

Diameter (The) of propeller shafts. (Engineering. v. 69, pp. 295–296. *London*, 1900.)

Dreihardt (C.) Der Schraubenpropeller (Schiffsschraube), Konstruktion und Berechnung desselben. *Berlin: M. Krayn*, 1906. 71 p., 6 pl. 8°.

Durand (W. F.) Experimental researches on the performance of screw propellers. [With discussion.] 32 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 71–86; 94–102. *New York*, 1905.)

—— Practical points about the screw propeller. (Marine Engineering. v. 10, pp. 14–17; 58–65. *New York*, 1905.)

—— A problem connected with the screw propeller. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 857–901. *Washington*, 1903.)

Dyson (Charles W.) Screw propellers of U. S. naval vessels. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 281–349. *Washington*, 1903.)

Edwards (Emory). Modern American marine engines, boilers, and screw propellers: their design and construction... *Philadelphia*, 1881. 4°.

Über den **Einflus** ein- oder auswärts drehender Propeller auf die Manövrierfähigkeit von Zweischraubenschiffen. (Mitteil.. a. d. Gebiete d. Seewesens. v. 32, pp. 132–144. *Pola*, 1904.)

—— On the influence of inward and outward-rotating propellers on the maneuvering quality of twin-screw vessels. (Jour. Amer. Soc. of Naval Engineers. v. 16, pp. 119–132. *Washington*, 1904.)

Flamm (Oswald). Wellenbrüche bei Schraubendampfern. (Stahl u. Eisen. Jahrg. 19, pp. 776–783; 920–925. *Düsseldorf*, 1899.)

Froude (R. E.) Experiments on the effect of direction of turning in twin screws. 1 pl. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 485–490.)

"Geyer" (The) patent reversible propeller. illus. (Marine Engineer and Naval Architect. v. 29, pp. 285–287. *London*, 1907.)

Great Britain.—*Patent Office.* Abridgments of the specifications relating to marine propulsion, with indexes of names and subject matter. *London*, 1857. 12°.

Propeller, cont'd.

Grening (John A.) Jet propulsion. (Science & Industry. v. 5, pp. 91–94. *Scranton, Pa.*, 1900.)

Gümbel (L.) Torsional vibrations of shafts. (Transac. Inst. of Naval Architects. v. 44, pp. 138–151. *London*, 1902.)

Guy (Albert E.) Measuring the pitch of screw propellers. (Amer. Machinist. v. 24, pp. 336–338. *New York*, 1901.)

Hoseason (J. C.) The steam navy: and the application of screw propellers to sea-going line of battle ships. A letter to the Rt. Hon. Sir J. Graham. *London: Saunders & Stanford*, 1853. 69 p. 8°.

Howden (James). The screw propeller controversy. [With discussion.] (Inst. of Engineers & Shipbuilders in Scotland. Trans. v. 49, pp. 172–285. *Glasgow*, 1906.)

Hoyaux (C.) Marine marchande. Recherches sur les causes et les conséquences financières du bris d'arbres porte-hélice. (Rev. univ. d. mines, de la métallurgie. sér. 3, v. 52, pp. 258–269. *Liége*, 1900.)

Hutter ( ). Première série d'essais d'hélice entrepris sur le torpilleur 149. 5 pl. (Mém. du génie maritime. sér. 3, no. 2, pp. 25–55. *Paris*, 1901.)

Hydraulischer Turbinenpropeller für Schiffe. (Ztsch. d. oesterr. Ingenieur u. architek. Vereines. Jahrg. 53, pp. 426–429. *Wien*, 1901.)

Isherwood (Benjamin F.) Engineering precedents for steam machinery; embracing the performances of steamships, experiments with propelling instruments, condensers, boilers, etc. 2 v. in 1. *New York: H. Baillère*, 1858–59. 1 p.l., 127 p., 1 pl., 5 tab.; xv, 231 p., 7 pl., 1 tab. 8°.

Janson (Ernest N.) Characteristics in design and arrangement of marine turbines and propellers. 12 pl. (Amer. Soc. of Naval Engineers. Jour. v. 18, pp. 866–906; v. 19, pp. 72–101. *Washington*, 1906–07.)

Joubert (G. H. J.) Étude sur l'application de l'eau chaude sous pression à la propulsion des embarcations. (Rev. maritime. v. 146, pp. 223–259; 504–534. *Paris*, 1900.)

King (J. W.) Lessons and practical notes on steam. the steam engine, propellers, etc., etc., by the late W. H. King; revised. 12th ed. *New York*, 1867. ill. 8°.

Kumstaedter Patent Screw Steering and Propelling Company. Report...June 23d, 1885...by a board of United States naval engineers...on the relative steering...of the Kumstädter system... [*New York*, 1885.] 8°.

Leavenworth (Edmund). Slip and its relation to the problem of screw propulsion. (Marine Engineering. *New York*, 1899. 4°. v. 3, no. 2, pp. 14–16; no. 3, pp. 2–3.)

Leaves from a naval engineer's note book; Stern tubes and propeller bracket bearings. (Practical Engineer. v. 29, pp. 388–391. *London*, 1904.)

Lorenz (H.) Die Aenderung der Umlaufzahl und des Wirkungsgrades von Schiffschrauben mit der Fahrgeschwindigkeit. (Verein deut. Ing. Ztschr. v. 51, pp. 329–333. *Berlin*, 1907.)

—— Theorie und Berechnung der Schiffspropeller. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 367–390. *Berlin*, 1906.)

—— Vergleichsversuche an Schiffschrauben. (Verein deutscher Ingen. Ztschr. v. 51, pp. 19–23. *Berlin*, 1907.)

—— —— (Mitteil. u. Forschungsarbeiten a. d. Gebiete d. Ingenieurwesen. Heft 40 (1907), pp. 41–62. *Berlin*, 1907.)

Loud (Alfred C.) Before the commissioner of patents. In the matter of interference between the applications of A. C. Loud and Cornelius Cole for a patent for improvement in propellers. *San Francisco*, 1869. 18 p. 8°.

Lowe (John). Contract trials of ships as experiments upon propellers. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 52–58. *Washington*, 1905.)

Lowe *vs.* **Penn.** In the Court of Queen's Bench, Guildhall, December 16, 1844. Before Lord Chief Justice Denman and a special jury. [Action for infringement of patent of Lowe's submarine propeller. *London: Macintosh*, 1845 ?] 48 p., 1 pl. 8°.

Melville (George W.) Maneuvering qualities of battleships. In-turning vs. out-turning screws. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 433–448. *Washington*, 1903.)

Morton (J. P.) A comparison of the performances of propellers U. S. S. Wyoming. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 707–713. *Washington*, 1905.)

Nystrom (J. W.) A treatise on screw propellers and their steam-engines, with practical rules and examples how to calculate and construct the same for any description of vessels, accompanied with a treatise on bodies in motion in fluid exemplified for propellers and vessels. *Philadelphia*, 1852. 8°.

Palmer (R. H.) Moulding a propeller wheel in green sand. (Amer. Machinist. v. 23, pp. 195–196. *New York*, 1900.)

Papers and discussions on screw propulsion. repr. fr. Transactions of Institution of Naval Architects. *Washington*, 1883. 222 p. 12 fold. pl. ills. 8°. (Naval Scientific Papers, no. 12.)

Paris (François Edmond). Traité de l'hélice propulsive; publié sous les auspices de [Théodore] Ducos, ministre de la Marine...contenant la traduction de l'ouvrage anglais, Treatise on the screw propeller, by John Bourne...*Paris: A. Bertrand*, 1855. 2 p.l., iv, 580 p., 15 pl., 10 tab. 4°.

Pecoraro (Nino). Direction of rotation of propellers. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 1080–1109. *Washington*, 1903.)

Pecoraro (Nino). Esperienze di propulsione con modelli di navi. 2 pl. (Rivista marittima. anno 34, pp. 421–440. *Roma*, 1901.)

—— La grossezza delle pale d'elica. 7 pl. (Rivista marittima. anno 37, pp. 239–252. *Città di Castello*, 1904.)

Progress in methods of propulsion of vessels. Effect of these on the channels and harbours. General report by N. Soliani. [Reports by Lelong, Techel, Narten, C. A. Parsons, G. Rota, N. Percoraro, H. See.] *Brussels: Pr. Off. of the Publ. Works*, 1905. 7 pmps. 8°. (International Congress on Navigation (X). Sec. 2, ques. 2.)

Propeller, cont'd.

Propeller Tow Boat. (For Panama R. R.) [Ink tracing on cloth, showing plan and elevations, scale ¼″=1′, dated March 10, 1858. Size of sheet, 26″ x 17″.]

Quick (George). Screw propulsion for naval and maritime purposes. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 637–666. *Washington*, 1903.)

—— Some remarks on screw propulsion for warships. (Jour. Roy. United Service Inst. v. 48, pp. 132–154. *London*, 1904.)

Remarks on the increasing frequency of failure of propeller shafts. (Jour. Amer. Soc. of Naval Engineers. v. 11, pp. 403–410. *Washington*, 1899.)

Rigg (Arthur). The problem of screw propulsion. (Engineer. v. 97, pp. 380–382, 405. *London*, 1904.)

Sargent (E.) Lecture on the late improvements in steam navigation, with notice of Ericsson's engine. *New York*, 1844. 8°.

Schlick (O.) Versuche mit dem Schiffskreisel. (Verein deut. Ingen. Ztschr. v. 50, pp. 1929–1934. *Berlin*, 1906.)

Screw (The) propeller computer. (Sibley Jour. of Mechan. Engineering. v. 17, pp. 125–127. *Ithaca*, 1903.)

Scribanti (Angelo). On the modification of the mean pitch due to twisting the blades in screw propellers. [Discussion.] 1 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 73–90. *London*, 1903.)

Schiffstreiber. (Dinglers polytechnisches Jour. *Stuttgart*, 1898. f°. v. 309, pp. 61–63; 81–84; 121–124; 141–146; 161–165; 181–184; 201–203; 221–224; 241–246.)

Seaton (A. E.) The screw propeller. (Marine Engineer. v. 29, pp. 2–4; 44–46; 75–76; 108–109; 158–159; 176–179; 280–281; 325–327; 363–366. *London*, 1906–07.)

Sellentin (H.) Die radiale Veränderung der Durchtrittsgeschwindigkeit des Wassers bei Schraubenpropellern. (Schiffbau. Jahrg. 7, pp. 334–336. *Berlin*, 1906.)

Ship Propeller Company. Prospectus. [*London: Little*, 1840?] 19 p., 1 plan. 8°.

Smith (Robert H.) The dynamics of screw propellers. (Engineer. v. 100, pp. 205–206. *London*, 1905.)

Smith (W. Strother). Propeller-blade inaccuracies; proposed method of machining and finishing. (Jour. Amer. Soc. of Naval Engineers. v. 16, pp. 911–917. *Washington*, 1904.)

Steinman (G. S.) A letter to the Hon. S. Herbert, on submarine steam propelling: with remarks upon the late government trials in H. M. steamer "Bee"... *London: J. Weale*, 1843. 16 p., 1 pl. 8°.

Stevens (F. B.) The first steam screw propeller boats to navigate the waters of any country. [*New York: Engineering Press*, 1893.] 30 p., 1 pl. 8°.

Repr.: Stevens Indicator, v. 10, April, 1893.

Stone (J.) & *Co.* Stone's propellers. [Catalogue.] [*London*, 1900.] 47 p., 28 pl. 5. ed. 4°.

Taylor (D. W.) Resistance of ships and screw propulsion. *London: Whittaker & Co.*, 1893. ix, 234 p. 8°.

United States.—*Naval Engineers, Board of.* Report of a Board of United States Naval Engineers on the Mallory steering and propelling screw, as applied to the United States torpedo boat Alarm, and on the experiments with it in that vessel, made to the Bureau of Steam-Engineering-Navy Department, January 31, 1882. *Washington: Govt. Prtg. Office*, 1882. 58 p., 4 diagr. 8°.

Villamil (R. de). The screw propellor. (Engineer. v. 99, pp. 207–208; 231–232. *London*, 1905.)

Wagner (Rudolf). Versuche mit Schiffsschrauben und deren praktischen Ergebnisse. [Discuss.] (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 264–366. *Berlin*, 1906.)

Webster (Harrie). A novel method of installing propeller shafting. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 12, pp. 326–328. *Washington*, 1900.)

Wilson (R.) The screw propeller: who invented it? *Glasgow: T. Murray & Son*, 1880. 82 p. 2. ed. 8°.

Woodruff (The) patent mid-ship buoyant screw flange propeller company. *Philadelphia* [1889?]. cover, 28 p., 1 l. illus. 12°.

Yarrow (A. F.) The screw as a means of propulsion for shallow draught vessels. [Discussion.] 4 pl. (Transac. Institute of Naval Architects. v. 45, pp. 106–117. *London*, 1903.)

Young (J. Denholm). The basis of propeller design. (Transac. Liverpool Engineering Soc. v. 20, pp. 25–35. *Liverpool*, 1899.)

Younger (A. Scott). Corrosion and failure of propeller shafts. (Trans. Inst. Naval Architects. v. 42, pp. 263–273. *London*, 1900.)

—— —— (Engineering. v. 69, pp. 766–9. *London*, 1900.)

—— —— (Engineer. v. 89, pp. 414–6. *London*, 1900.)

—— Improvements in propeller shaft bearings. (Trans. Inst. Naval Architects. v. 44, pp. 154–166. *London*, 1902.)

—— —— (Engineer. v. 93, pp. 320–2. *London*, 1902.)

—— —— (Engineering. v. 73, pp. 439–442. *London*, 1902.)

—— —— (Marine Engineer. v. 24, pp. 25–31. *London*, 1902.)

Zanon (Giovanni Antonio). Sulla supposta causa delle cavità generate dall' elica nell' acqua. (R. istituto veneto. Atti, v. 63, pt. 2, pp. 239–264. *Venezia*, 1904.)

Railways.

Morton (Thomas). Morton's patent slip, for hauling ships out of the water to be repaired, &c. [*Leith*, 1824.] 2 p., 1 pl. f°.

Raising of Ships.

See Salvage.

Refrigeration.

Balfour (R.) Marine installations for the carriage of refrigerated cargoes. Relative values of air, NH_3 and CO_2 systems. (Ice and Refrigeration. v. 24, pp. 216–222. *Chicago*, 1903.)

—— Marine installations for the carriage of refrigerated cargoes. [Discussion.] 3 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 134–152. *London*, 1903.)

—— Refrigeration on board ship. (Ice and Refrigeration. v. 25, no. 1 (July, 1903), pp. 5–7; no. 2, pp. 41–42; 97–98. *Chicago*, 1903.)

—— Refrigeration on shipboard. (Engineering. v. 75, pp. 635–638. *London*, 1903.)

Bunnell (S. H). Carbonic anhydride refrigerating machinery for marine use. (Engineering News. v. 49, pp. 318–321. *New York*, 1903.)

Ferretti (D.) La produzione e l' utilizzazione dei freddo artificiale a bordo delle navi. (Rivista marittima. anno 34, pp. 31–59. *Roma*, 1801.)

Refrigeration on river boats. (Ice and Refrigeration. v. 19, pp. 179–182. *Chicago*, 1900.)

Ships' refrigerating plants — Linde system. (Engineer. *London*, 1899. 8°. v. 87, pp. 65–66.)

U. S. cold storage ship "Glacier." (Ice and Refrigeration. v. 17, pp. 11–13. *Chicago*, 1899.)

Walker (Sydney F.) Cold storage on board ship. (Internat. Marine Engineering. v. 11, pp. 259–262; 303–305; 346–349; 390–392; 427–431; v. 12, pp. 6–9; 52–55; 142–145; 179–181. *New York*, 1906–'07.)

Resistance and Speed.

Ahlborn (Friedrich). Die Wirbelbildung im Widerstandsmechanismus des Wassers. 12 pl. (Jahrb. d. Schiffbautechnisch. Gesellsch. v. 6, pp. 67–81. *Berlin*, 1905.)

B. (C. A. E.) Beitrag zur Theorie der Konstanten Froude's zur Bestimmung des Schiffswiderstandes. (Schiffbau. Jahrg. 6, pp. 67–69. *Berlin*, 1904.)

Bertin (L. E.) The position of the center of lateral resistance. [Discussion.] (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 243–252. *New York*, 1904.)

Bruhn (J.) Querfestigkeit von Schiffen. 2 pl. (Schiffbau. Jahrg. 6, pp. 153–155; 196–199; 297–301; 350–354; 433–438; 473–477; 519–521. *Berlin*, 1904–05.)

—— Some points in connection with the transverse strength of ships. [Discussion.] 5 pl. (Transac. Inst. of Naval Architects. v. 46, pp. 193–231. *London*, 1904.)

—— The transverse strength of ships. (Transac. Inst. of Naval Architects. v. 43, pp. 279–292. *London*, 1901.)

Bruignac (A. Duroy de). Résistance des carénes. Essais de Joëssel et formule du "sinus carré." (Mém & compte rendu d. trav. Soc. des Ingén. civils de France. sér. 5, année 53, v. 1, pp. 663–679. *Paris*, 1900.)

Brunelli (P. E.) Diagrammi della resistenza delle navi al moto. 3 pl. (Rivista marittima. Anno 38, pp. 73–78. *Roma*, 1905.)

Chaigneau (H.) Déformation & résistance des coques de navire, flexion transversale. (Rev. tech. v. 23, pp. 54–58, 123–125. *Paris*, 1902.)

—— Résistance des carénes, (Rev. tech. année 23, pp. 246–248. *Paris*, 1902.)

—— Résistance des coques. 3 pl. (Bull. tech. de la Soc. d. anciens élèves d. écoles nat. 1900. pp. 263–332. *Paris*, 1900.)

—— Résistance des coques de navire à profil circulaire, parabolique et elliptique. (Bull. tech. de la Soc. d. anciens élèves. 1901, pp. 1001–1035. *Paris*, 1901.)

—— Roulis sur houle, déformation et résistance des coques de navires soumises à des efforts statiques et des actions dynamiques. (Rev. tech. année 23, pp. 148–151; 166–172. *Paris*, 1902.)

Chaudy (F.) Sur la forme des carènes et les variations du niveau de l'eau à l'arrière des bateaux. (Mémoires & compte rendu d. trav. de la soc. d. ingénieurs civils de France. Bull. *Paris*, 1898. 8°. Année 1898, v. 3, pp. 333–341.)

—— De la résistance à l'avancement des bateaux et des ondes tranversales. (Mém. & compte rendu d. trav. de la soc. ingénieurs civils de France. Année 52, v. 1, pp. 165–179. *Paris*, 1899.)

Durand (William F.) The resistance and propulsion of ships. *New York: J. Wiley & Sons*, 1898. ix, 1 l., 431 p. 1. ed. 8°.

Engels (Hubert). Résistance à la traction des bateaux. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 4 p., 1 plan. 8°. (International Congress on navigation (VIII). sec. 2., ques. 4.)

Froude (R. E.) Model experience on hollow versus straight lines in still water and among artificial waves. [With discussion.] 6 pl. (Transac. Inst. Naval Architects. v. 47, pp. 158–177. *London*, 1905.)

—— —— (Engineering. v. 79, pp. 521–525. *London*, 1905.)

Gareis (A.) Wasserwiderstand der Schiffe. (Mittheil. a. d. Gebiete de Seewesens. v. 30, pp. 587–629. *Pola*, 1902.)

Haack (R.) Schiffswiderstand und Schiffsbetrieb. *Berlin*, 1900. 3 v. 4°, f°. (Prussia. Oeffentlichen Arbeiten, Minist. der.)

v. 1, Text; v. 2–3, Tafel.

—— Die Wasserbewegung während der Fahrt von Schiffen und ihr Einfluss auf den Schiffswiderstand. (Ztschr. d. Vereines deutsch. Ingen. v. 47, pp. 693–697; 785–789. *Berlin*, 1903.)

Hamilton (James). On the communications forwarded by Messrs. Inglis and Denny and Professor Biles on the subject of Mr. James Hamilton's paper on horse-power absorbed by skin friction and wave-making. (Transac. Inst. of Naval Architects. v. 41, pp. 180–184. *London*, 1899.)

—— Power absorbed by skin friction and wave-making. (Engineering. *London*, 1898. f°. v. 65, pp. 610–611.)

Hele-Shaw (H. S.) The distribution of pressure due to flow round submerged surfaces, with special reference to balanced rudders. (Transac. Inst. of Naval Architects. v. 42, pp. 186–197. *London*, 1900.)

—— Nature of surface resistance of water and of stream-line motion under certain experimental

Resistance and Speed, cont'd.

conditions. (The Engineer. *London*, 1898. f°. v. 85, pp. 432–434, 458–460, 462.)

—— Surface resistance of water. (Engineering. *London*, 1898. f°. v. 65, pp. 444; 477–480; 511–513.)

Hovgaard (William). The strength of elliptic sections under fluid pressure. (Transac. Inst. of Naval Architects. v. 42, pp. 93–115. *Paris*, 1900.)

Influence de la profondeur de l'eau sur la marche des navires. (Génie civil. v. 48, pp. 288–289. *Paris*, 1906.)

Johns (A. W.) Normal pressures on thin moving plates. [Discussion.] 1 pl. (Transac. Inst. of Naval Architects. v. 46, pp. 232–251. *London*, 1904.)

K. (P. H.) Festigkeitsberechnung von Schiffen. (Deutsche-Techniker- Zeitung. Jahrg. 22, pp. 245–247. *Berlin*, 1905.)

Lambert (Leslie C.) The influence of the depth of water on the speed of vessels. (Junior Inst. of Engineers. Rec. of Transac. v. 15, sess. 24, 1904–1905, pp. 261–268. *London*, 1906)

Lüders (Alfred E.) Further notes on the influence of shoal water upon the speed of ships. (Marine Engineering. v. 8, pp. 202–204. *New York*, 1903.)

Marriner (W. W.) Deductions from recent and former experiments on the influence of the depth of water on speed. [With discussion.] 3 pl. (Transac. Inst. Naval Architects. v. 47, pp. 344–358. *London*, 1905.)

Mendès Guerreiro (J. V.) Influence de la forme des bateaux et de l'état de leur surface sur la résistance à la traction . . . *n.t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 7 p., 1 pl. 4°. (International Inland Navigation Congress, 61 h. Question 1.)

Michell (John Henry). The wave resistance of a ship. (Philos. mag. and jour. of science. Ser. 5, v. 45, pp. 106–123. *London*, 1898.)

Niles (Marston). Ship resistance and the stream-line hypothesis. (Engineer. v. 89, pp. 544–545. *London*, 1900.)

—— Ship resistance and the stream-line theory. (Engineer. v. 90, pp. 144–145. *London*, 1900.)

Paulding (Charles P.) The influence of depth of water on the resistance of ships. (Marine Engineering. v. 8, pp. 239–243. *New York*, 1903.)

Recherche des formes de caréne les plus favorables aux grandes vitesses. (Rev. maritime. v. 143, pp. 5–55. *Paris*, 1899.)

Rota (Giuseppe). Influenza della profondità dell' acqua sulla resistenza al movimento delle navi. 9 pl. (Rivista marittima. anno 33, pp. 59–65. *Roma*, 1900.)

—— On the influence of the depth of water on the resistance of ships. (Transac. Inst. of Naval Architects. v. 42, pp. 239–243. *London*, 1900.)

—— —— (Engineering. v. 69, pp. 528–529. *London*, 1900.)

—— Résistance au mouvement des bateaux: expériences avec des modèles. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 9 p., 1 l., 2 pl. 8°. (International Congress on navigation (VIII.) sec. 2., ques. 4.)

Stromeyer (C. E.) The effect of acceleration on ship resistance. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 178–185. *London*, 1905.)

—— —— (Engineering. v. 79, pp. 525–526. *London*, 1905.)

Taylor (D. W.) A general discussion of resistance and power consumption of ships in different depths of water. (Engineering News. v. 53, pp. 276–279. *New York*, 1905.)

—— Laws of variation of resistance of ships. (Marine Engineering. v. 10, pp. 286–290. *New York*, 1905.)

—— Resistance of ships and screw propulsion. *London: Whittaker & Co.*, 1893. ix, 234 p. 8°.

Tennyson-d'Eyncourt (E. H.) On the limits of economical speed of ships. (Transac. Inst. of Naval Architects. v. 43, pp. 246–251. *London*, 1901.)

Thrupp (Edgar C.) The hydraulics of the resistance of ships. (Engineering. v. 72, pp. 834–835. *London*, 1901.)

Yarrow (Harold). Experiments on the effect of depth of water on speed, having special reference to destroyers recently built. [With discussion.] 3 pl. (Transac. Inst. Naval Architects. v 47, pp. 339–343; 349–358. *London*, 1905.)

Zanon (Giovanni Antonio). Resistenza dell' acqua al moto delle navi veloci e forza motrice di esse. (R. istituto veneto. Atti, v. 59, pt. 2, pp. 221–243. *Venezia*, 1900.)

Rigging, Masts, etc.

Art (The) of making masts, yards, gaffs, booms, blocks and oars... including a... rule for mast-makers: also, a new method by which large yards may be made from small trees, and repaired when sprung in the slings, &c... *London: Steel & Goddard*, 1816. viii, 184 p., 2 pl. 2. ed. 8°.

Art (The) of rigging; containing an alphabetical explanation of the terms, directions for the most minute operations, and the methods of progressive rigging: with full and correct tables of the dimensions and quantities of every part of the rigging of all ships and vessels...2. ed. viii, 146, (92) p., 10 pl. *London: P. Mason*, 1806. 8°.

Bréart (Emile). Manuel du gréement et de la manoeuvre pour servir au brevet de capitaine au long course et de maître au cabotage. Suivi de notes... [Text and atlas.] *Paris: E. Lacroix*, 1861. 2 v. in 1. 4°.

Bushell (Charles). The rigger's guide and seaman's assistant; containing practical instructions for rigging ships...etc. *Portsmouth: Griffin & Co.*, 1893. 3 p.l., 254 p. illus. 7. ed. 16°.

Cook (Fred. M.) The rigging of American sailing vessels. (Marine Engineering. v. 9, pp. 1–10. *New York*, 1904.)

Cunningham (Henry Duncan P.) Cunningham's Patent self-reefing topsails, &c., without sending men aloft. Saving of life, time, labour, and property. Invented and patented by H. D. P. Cunningham, R. N. [Being a general description with instructions for working, etc.] [*Edinburgh*, 1857.] 34 p., 1 l., 4 pl. 8°.

Rigging, Masts, etc., cont'd.

—— Remarks on bringing the sail power of ships, especially screw steam ships, more under mechanical control...and containing a Letter from Captain J. O. Johnson, R. N., on the same subject. [Also, appendix with Extracts from Remarks on reefing topsails, &c., from the deck...with copies of papers aud reports of the dangers attending reefing topsails, etc.] *Portsea: W. Woodward & Son*, 1857. 1 p.l., vi, 5, vi, 21 p. 8°.

Dechamps (Henri). Calcul des haubans de grande longueur. 1 pl. (Annales des travaux publics de Belgique. *Bruxelles*, 1898. 8°. Ser. 2, v. 3, pp. 753–741.)

Fincham (J.) On masting ships, and mast making; giving some of the principles on which the masting of ships depends... *London: Whittaker, Teacher & Arnot*, 1829. xiv, 219 p., 4 pl. 4°.

Forfait (A. L.) Traité élémentaire de la mâture des Vaisseaux... 2e éd.... augmentée par M. Ét. Willaumez...suivi d'un mémoire...par M. Rolland. *Paris: Bachelier*, 1815. 4°.

Hayward (E.) The sizes and lengths of riggings for all His Majesties ships and frigates. *London: P. Cole*, 1660. 5 p.l., 60 p. 4°.

Ilgenstein (E.) Der Mastenbau einst und jetzt. (Ueberall. Jahrg. 3, pp. 652–655. *Berlin*, 1901.)

Jutsum (J. Netherclift). Knots, bends, splices, shown in colours. With tables of strengths of ropes, etc., and wire rigging. *Glasgow: J. Brown & Son*, 1906. vii, 69 p. illus. 3. ed. 12°.

Kipping (R.) Rudimentary treatise of masting, mast making, and rigging of ships. *London*, 1854. 12°.

Knight (R.) The practical boiler-maker, iron-ship builder, and mast maker... also, template making in general...*London* [1883]. 3. ed. 12°.

Lescallier (D.) Traité pratique du gréement des vaisseaux et autres bâtimens de mer. *Paris*, 1791. 2 v. 4°.

Lever (Darcy). The young sea officer's sheet anchor, or, A key to the leading of rigging and to practical seamanship. With an appendix... *London: J. Richardson* [1819]. xii, 1 l., 124 p. 2. ed. 4°.

Middendorf (F. L.) Bemastung und Takelung der Schiffe. *Berlin: J. Springer*, 1903. x, 400 p., 2 diag., 12 plans, 1 pl. 4°.

Moritz ( ). Précautions à prendre pour obtenir un bon ajustage des arbres à manivelles. (Mém. du génie maritime. ser. 3, no. 2, pp. 133–149. *Paris*, 1901.)

Mountaine (William). The Seaman's vade-mecum, and defensive war by sea, containing the proportions of rigging, masts and yards...&c... *London: W. Mount & T. Page*, 1744. 1 p.l., v–ix, (i), 1 l., 262 p., 3 pl. nar. 16°.

—— —— *London*, 1761. 12°.

Swinburne ( ). The rig of fishing-boats on the east coast of Scotland, with suggestions for improving the same. *Edinburgh: W. Blackwood & Sons*, 1883. .2 p.l., 16 pp., 10 pl. 8°.

Traité général des manœuvres des vaisseaux, contenant les proportions des mâts & vergues. *Havre de Grâce: Veuve de G. Gruchet*, 1732. 176 p., 2 l. 12°.

Rolling.

See Stability.

Sailing.

See Navigation *above*, *also* Canoes and Small Boats, *and* Sailing Ships, *and* Yachts *below*.

Sails.

Art (The) of sail-making, as practised in the royal navy...accompanied with the parliamentary regulations relative to sails and sail-cloth... *London: C. Wilson*, 1843. viii, 158 p., 1 pl. illus. 4. ed. 8°.

Kipping (R.) The elements of sailmaking, being a complete treatise on cutting-out sails, according to the most approved methods in the merchant service... *London: F. W. Norie & Wilson*, 1847. xiii, 3–163 p., 17 p. 8°.

Sadler (Samuel B.) The art and science of sailmaking. *London: C. Lockwood & Son*, 1892. lx (1), 137 p., 22 pl. sq. 8°.

Sails and sail-making for small boats and ships. By Gonfalon. (Work. v. 27, pp. 29; 76–77. *London*, 1904.)

See also page 131.

Wilson (Adrian). The design and making of sails. (Marine Engineering. v. 10, pp. 103–110. *New York*, 1905.)

Salvage.

Aitken (Henry). Salvage awards in England and Scotland contrasted. (Juridical Rev. v. 13, pp. 399–404. *Edinburgh*, 1901.)

Alewyn (D.) *De jure rerum naufragarum inprimis secundum leges Belgicas holdiernas. *Amstelædami*, 1824. viii, 127 p., 1 l. 8°.

Allingham (Wm.) Recent notable salvage awards. (Nautical Maga. v. 69, pp. 206–219. *London*, 1900.)

Bacon (R. H.) Notes on the causes of accidents to submarine boats, and their salvage. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 406–423. *London*, 1905.)

Binkhorst (P.) *De jure rerum, naufragio in littus ejectarum, aut in mari repertarum. *Lugduni Batavorum*, 1829. 4 p.l., 35 p. 8°.

Boey (W. C.) *De jure circa res naufragas. *Lugduni Batavorum*, 1761. 3 p.l., 54 pp., 1 l., 14 p. 8°.

Boston Submarine and Wrecking Company. Report of directors through their pres., S. Benton Thompson, Mch. 12, 1856. *Boston*, 1856. 8°.

Dahlström (H.) Das Bergungswesen und die Hebung gesunkener Schiffe. (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 506–560. *Berlin*, 1903.)

Dibos (M.) Sauvetages et renflouages des navires naufragés. (Mém. & compte rendu d. trav. Soc. d. ingén. civils de France. 1902, v. 1, pp. 368–398. *Paris*, 1902.)

Doyle (Barney). Raising sunken ships. The cofferdam system. 1 pl. (Nautical Mag. v. 77, pp. 213–217. *Glasgow*, 1907.)

Fawcett (Waldon). Recent notable salvage operations. (Engineering Maga. v. 18, pp. 585–598. *New York*, 1900.)

Salvage, cont'd.

Fletcher (John James). Salvage and wreck raising. *n. t.-p.* [*London*, 188–?] 69 p. illus. 8°. (Shipping World Ser.)

Hogg (P. G. H.) Salvage and destruction of shipwrecks. (Royal Engineers Inst. Profess. Papers of the Corps of Roy. Engineers. Occas. papers. v. 30, pp. 155–168. *Chatham*, 1905.)

James (T. H.) A handy-book on the law of salvage. *London: H. Sweet*, 1867. vii, 200 p. 12°.

Knapp (H. F.) On recovering sunken and stranded vessels; read 7th Apr., 1876. *n.t.-p.* [*London*, 1876.] 4°.

Liverpool Salvage Association. [Equipment and an inquiry into the work of the Liverpool Salvage Association.] (Engineering. v. 79, pp. 77–80, 171–174. *London*, 1905.)

McGrath (P. T.) Saving ocean liners. Thrilling and profitable work of the great salvage companies. illus. (Technical World Maga. v. 4, pp. 273–282. *Chicago*, 1905.)

Mathelin (L.) Procédé de sauvetage du personnel à bord d'un sous-marin naufragé. (Soc. d'anciens éléves. Bull. technol. Feb., 1906. pp. 150–160. *Paris*, 1906.)

Melwil (H.) Comment on renfloue les navires naufragés. (Monde moderne. v. 22, pp. 307–316. *Paris*, 1905.)

National Ship Buoying and Towing Company. Prospectus... *New York: the Company*, 1872. 1 p.l., 5–36 p., 2 pl. 8°.

Robertson (Morgan). Modern methods of saving ships. (World's Work. v. 2, pp. 404–412. *London*, 1903.)

Salving of the steamship Willamette. (Marine Engineering. v. 6, pp. 405–408. *New York*, 1901.)

Salving (The) of the Suevic. illus. (Engineer. v. 103, pp. 366–368. *London*, 1907.)

Smith (S. R.) Smith's patent ship-lifting and submarine surveying apparatus. [The plan: and the opinions of the press.] *n.t.-p.* [*Bristol: W. Spiers*, 1855.] 16 p., 1 pl. 8°.

Sheathing.

See Fouling and Sheathing.

Shipwrecks.

See Wrecks.

Shipyards.

Anglicanus, *pseud.* Portsmouth dockyards and shipping destroyed; or, Forewarned, forearmed. *London: Waterlow & Sons* [189–?]. 21 p., 1 map. 8°.

Ausflüge (Die) des I. Verbandstages am 23. September, 1896. Dampschiffs- und Maschinenbauanstalt der Oesterr. Nordwest-Dampfschiffahrts-Gesellschaft. 21 p. (Deutsch-Oesterr.-Ungar. Verband f. Binnenschiffahrt. Verbands-Schriften. *Berlin*, 1897. 8°. no. 9.)

Babcock (W. L.) Portable pneumatic riveters as used by the Chicago Shipbuilding Company. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 8–11.)

—— Portable pneumatic riveters in shipbuilding. (Trans. Inst. of Naval Architects. v. 41, pp. 121–127. *London*, 1899.)

—— System of work in a Great Lakes shipyard. 19 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 173–182. *New York*, 1899.)

—— System of work adopted in a shipyard on the Great Lakes. (Marine Engineering. v. 5, pp. 254–257; 289–294. *New York*, 1900.)

Barry (Patrick). The dockyards and the private shipyards of the Kingdom. *London: T. Danks*, 1863. viii, 9–67 p. 2. ed. 8°.

Biles (J. H.) The mechanical equipment of the ship-yard. (Engineering Maga. v. 21, pp. 187–206; 380–403; 525–547. *New York*, 1901.)

Brown (C. S. Vesey). Electric power in British shipyards, with special reference to the north-east coast. (Cassier's Maga. v. 25, pp. 407–422. *New York*, 1904.)

Cowper-Cowles (Sherard). Some notes on the application of electricity in shipbuilding yards. (Marine Engineer. v. 21, pp. 338–342. *London*, 1899.)

Cramp's Shipyard founded by William Cramp, 1830. *Philadelphia: William Cramp & Sons Ship & Engine Building Company*, 1902. x, 180 p., 3 port., 23 pl. 12°.

A history of the shipyard, with portraits of William, Charles H., and Edwin S. Cramp, pictures of two clippers, and of various men o' war built by the company.

Czischek (L.) Schiffshebewerk ohne Haltungsthore und Schleusen. (System Tentschert-Czischek.) (Ztschr. des Oesterr. ingenieur u. Architekten-Vereines. Jahrg. 51, pp. 421–428. *Wien*, 1899.)

Dickie (James). Overhead cranes, staging, and riveter-carrying appliances in the shipyards. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 189–192. *New York*, 1899.)

Dunn (James). The arrangement and equipment of shipbuilding works. (Inst. of Mechanical Engineers. Proc. 1901, pp. 555–588. *London*, 1901.

—— The arrangement and equipment of shipbuilding works. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 947–979. *Washington*, 1901.)

Electrical (The) equipment of a modern shipyard. (Electr. Rev. v. 40, pp. 527–534. *New York*, 1902.)

Fairburn (William A.) Fitting-out wharf crane service in American shipyards. 9 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 153–182. *London*, 1903.)

—— Methods of handling material over shipbuilding berths in American shipyards. (Transac. Inst. of Naval Architects. v. 44, pp. 229–265. *London*, 1902.)

Fawcett (Waldon). The ship-building yards of the United States. (Engineering Maga. v. 19, pp. 661–682. *New York*, 1900.)

Gerdau (B.) Das Schiffshebewerk bei Henrichenburg. 3 diag., 2 pl. (Zeitschr. d. Vereines deutscher Ingenieure. v. 43, pp. 946–972. *Berlin*, 1899.)

Shipyards, cont'd.

Harlan (The) & Hollingsworth Company, 1836. Semi-Centennial memoir of the Harlan & Hollingsworth Company, Wilmington, Delaware, U. S. A. [*Wilmington, Del.*,] 1886. 490 p., 4 diag., 5 facsim., 1 pl., 10 port. 4°.

—— Their plant and operations. *Wilmington, Del.* [1898] [62] p. 4°.

Jones (Henry P.) The development of shipyard crane service. (Engineering News. v. 46, pp. 402–405. *New York*, 1901.)

Kodolitsch (F. von). Some electrically-driven shipyard tools. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 488–498.)

Lucas (Theodore). Shop economics [of work performed in shipyards]. (Marine Engineering. v. 10, pp. 376–378. *New York*, 1905.)

Maugas ( ). Note sur les installations électriques à terre dans les établissements de la marine. 3 pl. (Mém. du génie maritime. sér. 3, no. 3, pp. 11–29. *Paris*, 1902.)

Mitsu Bishi (The) dockyard and engine works, Nagasaki, Japan. (Marine Engineering. v. 9, pp. 118–120. *New York*, 1904.)

Mrasick (Johann). Das Schiffahrtsanlagen an der Moldau im Weichbilde der Landeshauptstadt Prag. (Ztschr. d. österr. Ingen. Jahrg. 56, pp. 264–269. *Wien*, 1904.)

O'Hara (J. B.) Electricity in a modern shipyard. The plant of the New York Shipbuilding Company, at Camden, N. J. (Cassier's Maga. v. 22, pp. 117–136. *New York*, 1902.)

Pohlig (J.) Das Entladen von Schiffen mit Berücksichtigung ihrer zweckmässigsten Bauart. [With discussion.] 3 pl. (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 524–537. *Berlin*, 1904.)

Post (Walter A.) Electrically operated 150-ton jib crane at Newport News shipyard. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 16–21.)

Roach's Shipyard, Souvenir of. *Philadelphia: U. G. Duffield* [1900?]. 40 p., 13 pl., 2 port. ob. 24°.

Stuart (John) & Co. J. Stuart & Co., Wollaston, Mass., U. S. A., designers and builders of... launches, yachts... *Wollaston, Mass.* [1901] 16 p. ob. 24°.

Schwarz (Tjard). Modern shipway equipment and its future development. (Marine Engineering. v. 7, pp. 347–355; 405–411. *New York*, 1902.)

Shipbuilding cranes at Kiel. (Engineer. v. 96, pp. 349–350. *London*, 1903.)

Travelling shipyard crane at Vulcan Works, Bredow, Stettin. (Engineering. v. 77, pp. 712–713. *London*, 1904.)

Williamson (A. D.) Applications of electricity in engineering and shipbuilding works. (Jour. Inst. of Electr. Engineers. v. 32, pp. 925–964. *London*, 1903.)

Wraith (H. O.) Description of the electrical equipment of an engine works and ship-yard, with notes thereon. (Jour. Inst. of Electr. Engineers. v. 33, pp. 994–1018. *London*, 1904.)

Speed.

See Resistance and Speed.

Stability.

A. (N.) On the heeling and rolling of ships. (Engineering. v. 78, p. 241. *London*, 1904.)

Alexander (F. H.) Longitudinal engine-room bulkheads in merchant vessels in relation to transverse stability when bilged. [Discussion.] 5 pl. (Transac. North-East Coast Inst. of Engineers and Shipbuilders. v. 20, pp. 159–170. *Newcastle-upon-Tyne*, 1904.)

Anderson (R. E.) Stability calculations by planimeter. (Internat. Marine Engineering. v. 11, pp. 174–178. *New York*, 1906.)

Bauer (M. H.) A graphic method for the calculation of the stability of ships. 7 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 279–289. *New York*, 1903.)

Bellet (Daniel). Les quilles latérals et la stabilité des navires. (Rev. scientif. sér. 4, v. 15, pp. 467–470. *Paris*, 1901.)

Bertin (E.) Sur la giration des navires. (Comptes rendus hebd. d. séances de l'Acad. d. sci. v. 140, pp. 337–342. *Paris*, 1905.)

Bocchi (Guido). Sulla stabilità delle navi mercantili. 2 pl. (Rivista marittima. anno 33, pp. 271–274. *Roma*, 1900.)

Bryan (G. H.) The action of bilge keels. (Trans. Inst. of Naval Architects. v. 42, pp. 198–219. *London*, 1900.)

—— —— (Engineering. v. 69, pp. 729–731. *London*, 1900.)

—— Action of bilge keels from a hydrodynamical point of view. (Marine Engineering. v. 5, pp. 441–443; 485–486; v. 6, pp. 64–65; 142–145. *New York*, 1901.)

Chaigneau (H.) Architecture navale. Stabilité statique et dynamique des navires. 3 pl. (Bull. tech. Soc. d. anciens éléves d. écoles nat. d'arts & métiers. 1900, v. 2, pp. 497–568; 601–684. *Paris*, 1900.)

Chambeiron ( ). Note sur l'emploi des petits modéles pour la détermination des courbes de stabilité des batiments percés suivie d'une méthode générale de calculs pouvant se substituer au système expérimental. (Mém. du génie maritime. ser. 3, no. 4, pp. 85–101. *Paris*, 1902.)

Clauzel ( ). Théorie du navire. *Paris: Imprimerie National*, 1899–1900. Pt. 1 in 2 v. 4°, f°. (École d'application du génie maritime.)

Pt. 1. Equilibre et stabilité du navire en eau calme.

Daymard ([V - A]). Mémoire sur de nouvelles courbes servant à...mesurer la stabilité statique des navires... *Paris: E. Bernard et Cie.*, 1902. 32 p. 4°.

Étroyat ([Joseph] Ad[rien] d'). De la carène du navire et de l'échelle de solidité. *Paris: Mallet-Bachelier*, 1856. 16 p., 5 pl. 4°.

Gümbel (L.) Das Stabilitätsproblem des Schiffbaues. *Berlin: G. Siemens*, 1897. vi, 49 p., 6 pl. 8°.

Heck (John H.) Notes on the construction of stability cross curves from balanced paper sections. [Discussion.] 5 pl. (Transac. North-

Stability, cont'd.

East Coast Inst. of Engineers and Shipbuilders. v. 20, pp. 97–119. *Newcastle-upon-Tyne*, 1904.)

Holt (*Capt.* H. F.) Shipping: stability and stowage. *London*, 1894. 2 pts. 8°. (Shipmasters' society, London. Course of papers, nos. 2, 18.)

Johns (Arthur W.) The effect of motion ahead on the rolling of ships. [With discussion.] 1 pl. (Transac. Inst. of Naval Architects. v. 47, pp. 186–198. *London*, 1905.)

Jolivet ( ). Observations sur les roulis de la "Foudre" dans la mousson de sud-ouest pendant les journées des 29, 30, 31 juillet 1904. (Rev. maritime. v. 163, pp. 19–25. *Paris*, 1904.)

Leland (Walter S.) Displacement and stability calculations by improved methods. 6 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 271–277. *New York*, 1903.)

Levati (Rinaldo). Variazioni della stabilità iniziale nei casi di allagamento. (Rivista marittima. anno 35, pp. 299–305. *Roma*, 1902.)

Lutschaunig (V.) Die Definizionen und Fundamentalsätze der Theorie des gleichgewichtes schwimmender Körper. Eine kritische Besprechung der Stabilitätstheorie der Schiffe. *Triest: F. H. Schimpff*, 1894. 2. Aufl. viii, 72 p., 11 pl. 8°.

Mackie (Simon Fraser). Stowage of grain cargoes. Reports upon the theory of rolling...as affecting the seaworthiness of vessels, and of the stowage of grain cargoes...*London: The Committee of Lloyds*, 1873. 2 p.l., 72 p., 14 p. 8°.

Mallock (A.) An instrument for measuring the rolling of ships. (Trans. Inst. of Naval Architects. v. 43, pp. 34–42. *London*, 1901.)

—— —— (Engineering. v. 71, pp. 407–410. *London*, 1901.)

Munday (C. F.) On the advantages of using Tchebycheff's rule in association with the integrator to obtain cross curves of stability. (Transac. Inst. of Naval Architects. v. 41, pp. 80–86. *London*, 1899.)

Owen (H.) Aids to stability: a...guide to the general principles of ship stability, designed to meet the present requirements of the mercantile marine. *Glasgow: J. Brown & Son*, 1904. vi, 113 p., 1 plan. illus. new ed. 8°.

Peabody (C. H.) Some problems on the surfaces of buoyancy and of water-lines. (Soc. Naval Architects & Marine Engineers. Transac. v. 10, pp. 183–203. *New York*, 1902.)

Pescod (Joseph H.) Minimum metacentric heights in small vessels. [With discussion.] (Transac. North-east Coast Inst. of Engineers and Shipbuilders. v. 19, pp. 107–121. *London*, 1903.)

Reed (*Sir* E. J.) A treatise on the stability of ships...*London*, 1885. 8°.

Rolling (The) of ships on waves. (Engineer. v. 89, pp. 353–356. *London*, 1900.)

Royaux (Paul). Considérations sur la stabilité du navire-école "Comte de Smet de Naeyer." (Rev. univers. d. mines. sér. 4, v. 12, pp. 113–157. *Liège*, 1905.)

Russo (G.) Esperienze navipendulari sul rollio delle navi in mare ondoso. 3 pl. (Rivista marittima. anno 33, trimestre 2, pp. 67–120. *Roma*, 1900.)

—— An experimental method of ascertaining the rolling of ships on waves. (Transac. Inst. of Naval Architects. v. 42, pp. 30–52. *London*, 1900.)

—— Il metodo degli esperimenti navipendulari applicato ad alcune navi da guerra. 3 pl. (Rivista marittima. anno 35, pp. 503–529. *Roma*, 1903.)

—— The navipendular method of experiments, as applied to some warships of different classes. (Transac. Inst. of Naval Architects. v. 44, pp. 76–95. *London*, 1902.

—— The navipendulum. (Engineering. v. 73, pp. 520–524; 590–593. *London*, 1902.)

—— The rolling of ships on waves. An experimental method of ascertaining the rolling of ships on waves. (Engineering. v. 69, pp. 442–444 and 445; 448; 493–496. *London*, 1900.)

Schlick (Otto). The gyroscopic effect of fly wheels on board ship. (Marine Engineering. v. 9, pp. 464–469. *New York*, 1904.)

Schütte (Johann). Einfluss der Schlingerkiele auf den Widerstand und die Rollbewegung der Schiffe in ruhigem Wasser. (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 341–392. *Berlin*, 1903.)

—— The influence of bilge keels on the resistance and the rolling of vessels in still water. (Marine engineering. v. 8, pp. 73–80. *New York*, 1903.

Scribanti (A.) On the heeling and rolling of ships of small initial stability. [Discussion.] 1 pl. (Trans. Inst. of Naval Architects. v. 46, pp. 93–116. *London*, 1904.)

—— The heeling and rolling of ships. (Engineering. v. 77, pp. 763–764; 801–803. *London*, 1904.)

—— Sopra una nuova interpretazione della esperienza de stabilità delle navi. (Rivista marittima. Anno 37, pp. 257–274. *Roma*, 1904.)

Thomson (Anthony S.) Hints on elementary stability, with some remarks on the carriage of water ballast. Read...18th March, 1897. *London*, 1897. 44 p. 8°. (Shipmasters' Society, London. Course of papers, no. 50.)

—— —— ... Discussed... 15th April, 1897. *London*, 1897. 32 p. 8°. (Shipmasters' Society. Course of papers, no. 51.)

Turc (C.) Le navire, pour passagers. Essai sur un type nouveau de navires...sans roulis; evitant ainsi le mal de mer. *Paris: E. Bernard et Cie.*, 1903. 88 p. 4°.

United States Naval Academy.—*Dept. of Marine Engineering.* The oscillations of ships. *Annapolis, Md.*, 1902. 63 p. 8°.

Viel (M.) Course de tracé et de calculs de déplacement et de stabilité hydrostatique des batimens de mer. *Paris*, 1855. 8°.

Walker (P. F.) Stability of an oil-tank steamer. (Marine engineering. v. 7, pp. 492–495. *New York*, 1902.)

Stability, cont'd.

Weitbrecht (M.) Konstruktion der Querkurven eines Schiffes für die Stabilitätsrechnung unter Verwendung des Integraphen und Konstruktion der Schottkurve. (Schiffbau. Jahrg. 7, pp. 497–501. *Berlin*, 1906.)

White (*Sir* William H.) Experiments with Dr. Schlick's gyroscopic apparatus for steadying ships. (Marine Engineer. v. 29, pp. 341–343; 366–368. *London*, 1907.)

—— Gyroscopic steadying apparatus. Experiments with Dr. Schlick's gyroscopic apparatus for steadying ships. illus. (Engineering. v. 83, pp. 448–451. *London*, 1907.)

Steering Gear.

Atkin (Walter S.) The manœuvring of steamships. (Naut. Maga. *London*, 1898. 8°. v. 67, pp. 274–278.)

Details of electric steering-gear of the turbine steamer "Manxman." 1 pl. (Engineering. v. 79. pp. 213–214; 216. *London*, 1905.)

Durand (Wm. F.) On the action of the rudder, with special reference to the motion of the ship while the helm is being put over. 12 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 267–281. *New York*, 1899.)

Electric steering control of ships. (Marine Engineering. v. 10, pp. 18–20. *New York*, 1905.)

Fisher-Hinnen (J.) Sur le servomoteurs électriques. (L'Éclairage électrique. *Paris*, 1898. 4°. v. 16, pp. 531–536.)

[**Foulerton** (B.)] Description and uses of the ship manœuvrer; by means of which a ship's head may be directed, at all times, to any point required ...Dedicated to the officers of the Royal Navy and to all commanders of ships. *London: T. Dean & Co.* [1844] 31 p., 1 plan. 8°.

—— A letter to the Lords of the Admiralty on the ship manoeuvrer; with the opinions of naval officers on its merits...*London: The author*, 1846. 52 p., 2 pl. 8°.

Greig (W.) On a patent rudder, the invention of Capt. Henry Lumley. *n. p.* [1865] 68–72 p., 1 pl. 12°.

Hand and steam steering-gear. (Engineering. v. 78, p. 447. *London*, 1904.)

Hele-Shaw (H. S.) Pressure due to flow round submerged surfaces. With special reference to balanced rudders. (Engineering. v. 70, pp. 65–69; 82. *London*, 1900.)

Hutchinson (*Capt.* W. E.) The steering of screw steamers. *London:* [*Spottiswoode & Co.*,] 1890. 23 p. 8°. (Shipmasters' society, London. [Course of papers, no. 6.])

Joubert (E.) Appareils de commande électrique de la barre du gouvernail sur les navires de guerre. 2 pl. (Bull. tech. Soc. d. anciens éléves d. écoles nat. d'arts & métiers. 1900, pp. 379–418. *Paris*, 1900.)

Lihou (John). Facts and observations on the danger and difficulties attending the present mode of hanging ships' rudders. Together with a... plan for...affording ships the means within themselves, of repairing and reshipping their rudders at sea...*London: J. W. Norie & Co.*, 1830. 2 p.l., iii–xi, 1 l., 38 p. 2. ed. 8°.

McQuilkin (George), *jr.* Electrical steering apparatus for ships. (Marine Engineering. v. 7, pp. 526–531. *New York*, 1902.)

New arrangement of steering gear. (Marine Engineer. v. 24, pp. 94–96. *London*, 1902.)

Nouveau type de gouvernail équilibré. (Génie civil. v. 36, pp. 266–268. *Paris*, 1900.)

Perkins (Frank C.) Modern electric steering apparatus. (Electr. Rev. v. 42, pp. 435–438. *New York*, 1903.)

Petitval ( ). Memorandum for the improvement of Petitval's steering apparatus for every kind of vessel. [England? 1850–60?] MS., in blue ink. 2 p. f°.

Praetorius (P.) Die indikatorische Untersuchung von Ruder-Maschienen durch Zeitdiagramme. 1 pl. (Schiffbau. Jahrg. 8, pp. 309–315. *Berlin*, 1907.)

Sauvé (A.) Historique du gouvernail depuis l'antiquité jusqu'a l'epoque actuelle. (Revue maritime. v. 153, pp. 976–1000. *Paris*, 1902.)

—— Historique du gouvernail. (Rev. maritime. v. 167, pp. 5–36. *Paris*, 1905.)

Snow (Elliot). Rudder Experiments—U. S. S. Monterey. *n. p.* [1895?] 21 pp., 1 plan, 5 tab. 4°. (Trans. Soc. Naval Archi. & Marine Eng., Advance sheet, no. 3.)

Suppán (C. W.) Ueber das Steuern der Schiffe und das sogenannte "Patent-Schiffsteuer. (Zeitschr. d. Oesterr. Ingenieur- u. Architekten-Vereines. Jahrg. 51, pp. 521–524. *Wien*, 1899.)

United States.—*Steam Engineering Bureau.* Report.. June 23d, 1885, by a board of United States naval engineers on the relative steering efficiencies of the rudder alone, and of the Kunstadter system of combined rudder and swivelling screw, as developed by the experiments made with the U. S. screw steamer Nina, to which the two systems were applied. [*New York: Brown & Wilson, prtrs.*, 1885?] 75, 4 p., 2 pl., 7 tab. 8°.

Unterricht über die Verfertigung eines Noth-Steuerruders oder über die Mittel um ein Schiff bei Verlust seines Ruders zu steuern und diesen Verlust, auf der See selbst, so gut als möglich zu ersetzen. *Hamburg*, 1791. 4°.

Stowage.

Missiessy (Edouard-Thomas Burgues de), *comte.* Arrimage des vaisseaux, publié par ordre du roi, sous le Ministère de M. le Comte de la Luzerne, Ministre & Secrétaire d'Etat ayant le département de la Marine & des Colonies. Par M. de Missiessy Quiés...*Paris: L'Imprimerie Royale*, 1789. 2 p.l., 152 p., 6 plans. 4°. (France. Marine et des Colonies. Dept. de la.)

Stress and Strain.

Alexander (Francis H.) The influence of the proportions and form of ships upon their longitudinal bending moments among waves. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 116–125. *London*, 1905.)

Stress and Strain, cont'd.

Babcock (W. I.) Longitudinal bending moments of certain lake steamers. [With discussion.] 15 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 187–207. *New York*, 1905.)

Biles (J. Harvard). The strength of ships, with special reference to experiments and calculations made upon H. M. S. "Wolf." [With discussion.] 10 pl. (Transac. Inst. Naval Architects. v. 47, pp. 80–115. *London*, 1905.)

Boobnoff (Ivan G.) On the stresses in a ship's bottom plating due to water pressure. (Tranac. Inst. of Naval Architects. v. 44, pp. 15–46. *London*, 1902.)

—— Stresses on ships' plates...due to water pressure. (Engineering. v. 73, pp. 390–392. *London*, 1902.)

Bruhn (J.) Methods of estimating the strength of ships. [With discussion.] 3 pl. (Transac. Inst. Engineers and Shipbuilders in Scotland. v. 48, pp. 179–241. *Glasgow*, 1905.)

—— The stresses at the discontinuities in a ship's structure. (Transac. Inst. of Naval Architects. v. 41, pp. 57–71. *London*, 1899.)

—— —— (Engineering. v. 67, pp. 429–432. *London*, 1899.)

Cook (George Crouse). Longitudinal bending stress on damaged ships. (Soc. of Naval Architects & Marine Engineers. Transac. v. 10, pp. 161–181. *New York*, 1902.)

Lesti (Leone). Determinazione del momento resistente agli sforzi di flessione longitudinale a cui vanno soggette le navi. 4 pl. (Rivista marittima. anno 33, trimestre 1, pp. 219–223. *Roma*, 1900.)

Meldahl (K. G.) Materialspannungen in ausgeschnittenen und verdoppelten Platten. 1 pl. (Jahrb. d. Schiffbau technischen Gesellsch. v. 5, pp. 480–523. *Berlin*, 1904.)

Sadler (Herbert C.) The effect of variation of dimensions upon the stress in a ship's structure. (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 13–24. *New York*, 1901.)

Smith (John). Stresses in ships. (Engineering. v. 82, pp. 436–439. *London*, 1906.)

Steighorst (J.) Zeichnerisch-rechnerisches Verfahren zur Bestimmung der Querbeanspruchungen. (Schiffbau. Jahrg. 7 (1906), pp. 857–861; 895–899; 941–947. *Berlin*, 1906.)

On the **strength** of very rapid vessels. (Engineer. v. 94, pp. 326. *London*, 1902.)

Supplies.

See Fittings.

Timber.

Arrest du conseil d'estat du roy. Qui Regle les Formalitez à observer pour la Coupe des Bois propres pour la Marine. Du 21. Septembre, 1700. *A Paris: de l'imprimerie royale*, 1719. 8 p. 8°.

Anderson (James). A letter, &c., to Lord Duncannon and the Lords commissioners of woods and forests, shewing that a great proportion of the timber used in shipping, is decayed before it is felled; also remarks in relation to experiments on timber. *Southwark*, 1834. 8°.

Anti Dry-Rot Company. A letter to the...Earl of Minto, from the directors of Anti dry-rot company. *London: C. Adlard, printer*, 1838. (2) 5–63 p. 4°.

Birkbeck (George). Lecture on preservation of timber by Kyan's patent for preventing dry rot. Dec. 9, 1834. *London* [1838?]. pl. 8°.

Burnett (*Sir* William). Patent, for the preservation of timber, canvas, cordage, cotton, woolen, etc., from dry rot, mildew, moth, and premature decay...[*London: Mills & Son*, 1843?] 18 p., 2 pl. 8°.

Creosoting. Process of Seely [Prof. Charles A., patented in the United States in 1867.] Preservation of timber from decay and the attacks of marine worms...*n.t.-p.* [*New York: W. T. Pelton*, 1870.] 76 p. 8°.

Knowles (John). An inquiry into the means which have been taken to preserve the British navy, from the earliest period to the present time, particularly from that species of decay, now denominated dry rot. *London: Winchester & Varnham*, 1821. xvi, viii, 164 p. 8°.

Kyan (John Howard). An answer to Sir John Barrow on the preservation of timber for the navy. *London*, 1839. 8°.

Marryat (J.) Speech in the House of Commons...upon the petition of the ship owners of the port of London, against any alteration in the duties on timber. *London: Society of ship owners*, 1820. 32 p. 8°.

Matthew (P.) On naval timber and agriculture, with critical notes on authors who have recently treated the subject of planting. *Edinburgh*, 1831. 8°.

Melville (1. *viscount*), H. Dundas. A letter from Lord Viscount Melville to the Right Hon. Spencer Perceval, on the subject of naval timber. *London: J. Bagster*, 1810. 44 p. 8°.

Navarchus, *pseud.* Memoir on timber, for the consideration of the First Lord of the Admiralty. [Signed Navarchus.] *London: Galabin & Marchant*, 1811. 12 p. 4°.

Phipps (J.) A collection of papers, relative to ship building in India. With a description of the various Indian woods employed...also, a register, comprehending all the ships and vessels built in India to the present time, with many other particulars respecting Indian shipping, and the external commerce of Bengal...*Calcutta: Scott and Co.*, 1840. xviii, 264, lviii, iv p. 8°.

Young (J. H.) The attack of the Navy Department on wood preservation. The reply of the president of the American Wood Preserving Co. to the Sec. of the Navy...*Boston: Rockwell & Churchill*, 1885. 38 p. 8°.

Tonnage.

See Displacement and Dimensions.

Trim.

See Balance.

Turning power.

Chandler (L. H.) A method for determining the tactical diameters and other maneuvering powers of ships. 2 pl. (Proc. U. S. Naval Inst. v. 27, pp. 67–70. *Annapolis*, 1901.)

Turning Power, cont'd.

White (W. H.) Lecture on the turning powers of ships. *Washington*, 1882. 35 p., pl. 8°. (Navy Scientific Papers, no. 7.)

Ventilation.

Bertin (Louis Émile). Étude sur la ventilation d'un transport-écurie;—Note sur la résistance des carènes dans le roulis des navires [etc.]. (In Paris. Inst. Acad. d. Sci. Mém. div. sav., v. 22. 1876.) pl.

Dowst (F. B.) Ventilation of ships. *n. p.* [1895?] 12 p. 4°. (Trans. Soc. Naval Archi. & Marine Eng. Advance sheet, no. 11.)

Dupont ( ). Étude sur les procédés de ventilation et de réfrigération des soutes à munitions. (Mém. du génie maritime. sér. 3, no. 5, pp. 63–82. *Paris*, 1903.)

Jennings (F. W.) The ventilation and heating of ships by a forced circulation of warm air. (Engineers' Gazette. v. 14, pp. 19–20. *London*, 1900.)

Krell (O.) Die Erprobung von Ventilatoren und Versuche über den Luftwiderstand von Panzergrätings. [Discuss.] 2 pl. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 408–445. *Berlin*, 1906.)

Stanley (George C.) Explanation of a simple method of laying out ship ventilating cowls. (Marine Engineering. v. 6, pp. 227–230. *New York*, 1901.)

Taylor (D. W.) Experiments with ventilating fans and pipes. [With discussion.] 42 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 9–70. *New York*, 1905.)

Terry (S. H.) The ventilation of steamships. *London: Pewtress & Co.*, 1898. 34 p. 8°. (Shipmasters' society, London. Course of papers. no. 54.)

Vibration.

Ach (N.) Apparat zur photographischen Registrirung senkrechter Schiffsbewegungen. (Zeitschr. f. Instrumentenkunde. Jahrg. 19, pp. 309–312. *Berlin*, 1899.)

Berling ( ). Schiffsschwingungen, ihre Ursachen und Kritik der Mittel zu ihrer Verminderung. (Zeitschr. d. Vereines deutsch. Ingenieure. v. 43, pp. 981–988, 1017–1023, 1221–1225, 1260–1264. *Berlin*, 1899.)

Brunelli (Pietro Enrico). Vibrazioni torsionali degli alberi delle macchine marine. 1 pl. (Rivista marittima. Anno 37, pp. 39–52. *Roma*, 1904.)

Chaigneau (H.) Vibrations des coques des navires à hélice. (Bull. tech. Soc. d. anciens élèves. 1901, pp. 1036–1087. *Paris*, 1901.)

Hutter ( ). Note au sujet d'un mode de représentation graphique approximative des vibrations d'une poutre cylindrique soumise à des forces ou à des couples périodiques. (France. Ministère de la marine. Mém. du génie maritime. sér. 3, fasc. 7, pp. 63–79. *Paris*, 1905.)

Macalpine (J. H.) A solution of the vibration problem. (Transac. Inst. of Naval Architects. v. 43. pp. 298–321. *London*, 1901.)

—— —— (Marine Engineer. v. 23, pp. 179–182, 227–229, 327–329, 403–404, 470–471. *London*, 1901–02.)

Mallock (A.) A method of preventing vibration in certain classes of steamships. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 227–230. *London*, 1905.)

Marbec ( ). Note au sujet de la mesure des vibrations de navires. (France. Ministère de la marine. Mém. du génie maritime. sér. 3, fasc. 7, pp. 53–61. *Paris*, 1905.)

Melville (George W.) The vibrations of steamships, with special reference to those of second and higher period. [Discussion.] (Soc. of Naval Architects & Marine Engineers. Transac. v. 10, pp. 205–233. *New York*, 1902.)

—— —— (Engineering. v. 75, pp. 1–5, 33–35, 68–71, 134–138, 199–202, 231–235, 267–269, 302–304, 337–340, 378–379, 404–406, 508–509, 571–572, 643–644. *London*, 1903.)

—— —— (Marine Engineering. v. 8. *passim*. *New York*, 1903.)

Peabody (C. H.) Vibrations of steamships and methods of balancing marine engines. (Marine Engineering. *New York*. 1899. 4°. v. 3, no. 2, pp. 2–7; no. 3, pp. 18–19; no. 5, pp. 32–33; no. 6, pp. 13–15.)

Schlick (Otto). Schiffsschwingungen, ihre Ursachen und Kritik der Mittel zu ihrer Verminderung. (Zeitschr. d. Vereines deutscher Ingenieure. v. 43, pp. 1640–1642. *Berlin*, 1899.)

—— On some experiments made on board the Atlantic liner "Deutschland" during her trial trip in June, 1900. (Marine Engineer. v. 23, pp. 37–44. *London*, 1901.)

—— Die Untersuchung der Vibrationserscheinungen von Dampfern. An einem Beispiel erläutert. *Leipzig: A. Felix*, 1903. 1 p.l., 49 p., 4 pl. 8°.

—— The vibration of steamers. (Engineering. v. 71, pp. 422–427. *London*, 1901.)

—— Vibrationserscheinungen der Dampfer. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 1501–1504; 1561–1567. *Berlin*, 1905.)

Thele (Walter). Schiffsvibrationen. (Verein deut. Ing. Ztschr. v. 51, pp. 295–299. *Berlin*, 1907.)

—— Vibrationserscheinungen neuerer Schnelldampfer. (Schiffbau. v. 8, pp. 519–523. *Berlin*, 1902.)

Wehmeyer (A.) Le vibrazioni a bordo dei piroscafi. (Atti d. Coll. d. ingeg. navali e meccanici in Italia. anno 2, pp. 9–31. *Genova*, 1901.)

Young (J. Denholm). Loss of power in steamship vibrations. [Discussion.] (Transac. North-east Coast Inst. of Engineers and Shipbuilders. v. 19, pp. 131–142. *London*, 1903.)

Wrecks.

See also Collisions.

Accidents (Les) de mer pendant les années 1898 et 1899. (Bull. de l'office du travail. année 8, pp. 494–495. *Paris*, 1901.)

Allen (Sarah). A narrative of the shipwreck and unparalleled sufferings of Mrs. Sarah Allen...on her passage in May last from New York to New Orleans... *Boston: B. Marston*, 1816. 23 p. 2. ed. 12°.

Antelope. An account of the Pelew Islands ...and the shipwreck of the Antelope... *Catskill: M. Croswell*, 1797. 1 p.l., 101 p. nar. 24°.

Wrecks, cont'd.

Awful calamities; or, The shipwrecks of December, 1839, being a full account of the dreadful hurricanes of Dec. 15, 21 & 27, on the coast of Massachusetts;...and also of the dreadful disasters at Gloucester. *Boston: J. Howe*, 1840. 24 p. 8°.

Blasius (William). Causes of the Huron disaster. 4 p. 8°.

Extr. Amer. Philos. Soc. Proc. Dec. 7, 1877.

Bluett (Albert). Around the Manacles. (Cornish Maga. *London*, 1898. 8°. v. 1, pp. 403–416.)

Bolton (William). Narrative of the last cruise of the United States steam frigate Missouri, including a detail of the general conflagation at Gibraltar, resulting in her total loss. 3d edition. *Boston*, 1843. 8°.

Boniface (Ch. Et.) Relation du naufrage du navire français l'Eole, sur la côté de la Caffrerie... 1829... *Cap de Bonne Espérance: W. Bridekirk, Impr.*, 1829. 4 p.l., viii, 124 pp. 8°.

Bradley (Eliza). An authentic narrative of the shipwreck and sufferings of Mrs. E. Bradley, wife of Captain James Bradley...commander of the ship Sally, wrecked on the coast of Barbary, in June, 1818. Written by herself. *Boston: J. Walden*, 1823. iv, 5–108 p., 1 pl. 16°.

—— —— *New York: J. H. Turney*, 1832. iv, 5–103 p., 1 pl. 16°.

—— —— *Lowell: H. P. Huntoon*, 1848. 32 p. 12°.

Braid (John). Narrative of the destruction by fire of H. M. S. Queen Charlotte, off Leghorn, March 17, 1800. .shipwreck of a Venetian ship, in 1431. *London*, n. d. 16°.

Brekell (John). Euroclydon; or, The dangers of the sea considered, in some reflections upon St. Paul's voyage and shipwreck. *London*, 1744. 8°.

Brisson (P. F.) Histoire du naufrage et de la captivité de M. B., écrite par lui-même. *Genève*, 1790. xii, 150 p. 16°.

Bulkeley (John), *and* J. Cummins. A voyage to the South Seas, in the years 1740–1, containing a faithful narrative of the loss of his Majesty's ship the Wager...by J. Bulkeley and J. Cummins, late gunner and carpenter of the Wager. *London: repr. Philadelphia: The author*, 1757. xxxii, 306 p. 2. ed. 12°.

Buys (Jakob Maartensz). Het droevig ongeluk van J. A. Zuyderduyn met zyn volk, en de...verlossinge uit doodsgevaar van H. T. van Duyvenboode...*Leyden: J. van Abkoude*, 1735. 2 p.l., 24 p. sq. 8°.

Byron (J.) Narrative of the Hon. J. Byron; being an account of the shipwreck of the Wager; and the subsequent adventures of her crew... (In: Kerr (R.), A general history and collection of voyages, &c. *Edinburgh*, 1815. 8°. v. 17. App. 1, pp. 315–414.)

Campbell (Donald). Shipwreck and captivity of Capt. Donald Campbell, on leaving Goa for Madras, May 21, 1782. *London: T. Tegg* [1800?] 5–28 p. 16°.

Challenger. A diary of the wreck of his Majesty's ship Challenger, on the western coast of South America, in May, 1835. With an account of the subsequent encampment of the officers and crew, during a period of 7 weeks, on the south coast of Chili. *London: Longman, Rees*, 1836. 2 p.l., 160 p., 4 pl. 8°.

Clarke (J. S.) Naufragia; or, Historical memoirs of shipwrecks and of the providential deliverance of vessels. *London: I. Gold*, 1805. 6 p.l., xvi, 421 p., 1 pl. 12°.

Cochele (Charles). Naufrage du brick français La Sophie sur la Côte occidentale d'Afrique. *Paris*, 1821. 2 v. 8°.

—— Narrative of the shipwreck of the Sophia, May 30, 1819, on the western coast of Africa, and of the captivity of the crew in the desert of Sahara. *London*, 1822. 8°. (New voyages and travels. v. 6, part 5.)

Cooper (W. H.) Incidents of shipwreck; or, The loss of the San Francisco. *Philadelphia: W. P. Hazard*, 1855. viii, 9–108 p. 16°.

Dalrymple (Alexander) An account of the loss of the Grosvenor, Indiaman, commanded by Capt. John Coxon, on the 4th of August, 1782... Coast of Africa... *London: P. Elmsly*, 1783. 8, 39 p. nar. 8°.

Damant (H. C.) Wrecks on the Isle of Wight. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 597–604.)

Dartneli (George R.) A brief narrative of the shipwreck of the transport "Premier," near the mouth of the river St. Lawrence, on the 4th November, 1843... *London: J. How*, 1845. xv, 37 p., 5 pl. 4°.

Dean (John). A true and genuine narrative of the whole affair relating to the ship Sussex, as sent to the directors of the Honourable East India Company; from the time she was deserted by the officers, and greatest part of the crew, till she was... wreck'd on the Bassas de India... *London: C. Corbett*, 1740. 1 p.l., 22 p. 12°.

Deléarde ( ), *and* ( ) Renard. La statistique et les accidents des gens de mer. (Soc. de statist. de Paris. Jour. v. 45, pp. 270–274. *Paris*, 1904.)

Delpeuch (Maurice). Les grands naufrages dans notre marine de guerre. (Rev. maritime. v. 161, pp. 5–32. *Paris*, 1904.)

Deperthes (J. L. H. S.) Histoire des naufrages, hivernemens, délaissemens, incendies, famines, etc., depuis le quinzième siècle jusqu'à present. *Paris*, 1795. 3 v. 8°.

—— Same. Nouvelle Édition, augmentée par J. B. B. Eyries. *Paris*, 1815. 3 v. 8°.

Earl of Abergavenny. An authentic narrative of the loss of the Earl of Abergavenny, East Indiaman, Captain John Wordsworth, off Portland... Feb., 1805... By [W. D.] a gentleman in the East-India House. *London: Lane, Newman & Co.*, 1805. 54 p. 8°.

Eschauzier (B.) Nadere mededeeling aan Heeren belanghebbenden bij de onderneming op het wrak der Lutine, betreffende den tegenwoordigen toestand van den arbeid op dat wrak. [signed Brand Eschauzier.] *Kampen: K. van Hulst*, 1861. 1 p.l., 34 p. 7 l., 1 pl. 8°.

Falconer (William). The shipwreck. By a sailor [*i. e.*, W. Falconer]... *London: A. Millar*, 1764. 2 l., 130 p., 2 maps. new ed. 8°.

Wrecks, cont'd.

Fellows (W. D.) A narrative of the loss of His Majesty's packet the Lady Hobart, on an island of ice in the Atlantic ocean, 28 June, 1803. With a particular account of the providential escape of the crew in two open boats ... *London: J. Stockdale*, 1803. 46 p. 8°.

—— —— —— 6. ed. 46 p. 8°.

Flinders (M.) A voyage to Terra Australis in the years 1801, '02 and '03. With an account of the Shipwreck of the Porpoise. *London*, 1814. 2 v. 4°. Atlas f°.

France. Declaration du Roy, concernant les naufrages maritimes. Donnée à Versailles le 15. Juin 1735. [Colophon:] *Paris: l'Imp. Royale*, 1735. 4 p. 8°.

—— Instruction pour les commis de Fermes des Bureaux Maritimes au sujet des echoüemens & naufrages. Du vingt huit Mars 1726. *Paris: La Veuve Saugrain & Pierre Prault*, 1726. 12 p. 8°.

Full particulars of the two late awful shipwrecks near Sandy Hook. Narrative of the wrecks of the barque Mexico and of the ship Bristol, on both of which dreadful occasions two hundred souls perished!! *New York: N. Y. Sun* [1837]. 16 p. [3. ed.] 8°. (Suppl. of The Sun.)

Gilly (William O.) Narratives of shipwrecks of the Royal Navy: between 1793 and 1849. Compiled principally from official documents in the Admiralty. With a preface by W. S. Gilly, D.D. *London: J. W. Parker*, 1850. xxxv, 332 p. 8°.

—— —— *London*, 1851. 2. ed. rev. 8°.

Godron (Henri). Note sur le dérasement de l'épave du vapeur anglais "Vindomora" coulé en Basse-Seine. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 16, pp. 5–30. *Paris*, 1904.)

Gomes de Brito (B.) Historia tragico-maritima em qui se escrevem os naufragios que tiveraõ as naos de Portugal em exercicio à navegacaõ da India. *Lisboa*, 1735–36. 2 v. 4°.

Goodridge (C. M.) Narrative of a voyage to the south seas and the shipwreck of the Princess of Wales cutter, with an account of a two years' residence of an uninhabited island. *Exeter*, 1838. illus. 2. ed. 16°.

Great Britain. Minutes of Proceedings at a court martial ... on board ... Ship "Hibernia" at Malta, ... 1893, ... To enquire into the loss of ... Ship "Victoria." *London: Darling & Son, prtrs.*, 1893. 162 p., 1 plan, 3 l. f°.

—— *Admiralty.* Casualties to ships. Return ... "showing the date, the name and class of the ship damaged, the nature of the accident, the number of persons injured, the number of deaths [etc.]." 1903/4. *London* [1905]. f°.

—— *Trade, Board of.* Abstracts of the returns ...of sea casualties which occurred on and near the coasts of the United Kingdom; also ... which occurred to British ships elsewhere than on the coasts of the United Kingdom and to foreign ships on the coasts of British possessions abroad ... 1883/4. *London*, 1885. f°.

Greig (Alexander M.) Fate of the Blenden Hall, East Indiaman. *New York*, 1847. pl. 12°.

Grosvenor, *ship.* Affecting narrative of the loss of the Grosvenor, Indiaman, Captain Coxson ...1782 ... *London: T. Tegg* [1782?]. 28 p. 12°.

Grozier (E. A.) The wreck of the "Somerset."...*Provincetown: N. T. Freeman*, 1886. 7 l. 8°.

Hamilton (J.) Cause and prevention of shipwreck [a letter to the committee at Lloyd's]. *n. p.*, n. d. 8°.

Harten (H. W.) Drie dagen aan boord van het bark schip Australië (thans met man en muis vergaan) ... *Rotterdam: P. N. Bazendijk*, 1859. vi, 7–60 p. 8°.

Hermann (J.) Ort und Ursache der Strandungen deutscher Seeschiffe. (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 27, pp. 239–255. *Hamburg*, 1899.)

Heyden (F. J. van der). Vervarelyke Schip-Breuk van't Oost Indisch Jacht ter Schelling, onder het Landt van Bengale. *Hardenwick*, 1722. 4°.

Hillary (*Sir* William), *bart.* An appeal to the British Nation, on the humanity and policy of forming a National Institution, for the preservation of lives and property from shipwreck. *London: G. & W. B. Whittaker*, 1823. 2 p.l., 25 p. 8°.

—— —— *London: G. & W. B. Whittaker*, 1823. 3 p.l., 38 p. 2. ed. 8°.

Holden (H.) A narrative of the shipwreck, captivity and sufferings of Horace Holden and Benj. H. Nute; who were cast away in the American ship Mentor, on the Pelew Islands, in...1832; and for two years...were...among the barbarous inhabitants of Lord North's Island. *Boston: Russell, Shattuck & Co.*, 1836. xii, 13–133 p. 16°.

Hyslop (John). Needful precautions for safe navigation. (Harper's New Monthly Maga. v. 99, pp. 142–146. *New York*, 1899.)

Indian Oak. Narrative of facts attending the wreck of the transport "Indian Oak" on the Loochoo Islands. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1840. 8°. v. 9, pt. 2, pp. 916–923.)

Inglefield (John N.) Narrative of the loss of H. M. S. Centaur. New ed. *London*, 1783. 12°.

Joinville (François Ferdinand Philippe Louis Marie d'Orléans). Histoire générale de la Marine comprenant les naufrages célèbres, les voyages autour du monde, les découvertes et colonisations... Par le Prince de Joinville. Édition ... illustrée publiée sous la direction de M. Van Tenac...*Paris: E. & V. Penaud Frères* [1853?]. v. 1–3. 8°.

Kemp (Didericus van der). *Praeses.* * Dissertatio juridica inauguralis de jure circa res naufragas, quam, ... ex auctoritate Rectoris ... D. v. d. K., ... submittit Cornelius Henricus van Beekesteyn Raket...ad diem 19. Octobris, 1775... *Lugduni Batavorum: J. Bos*, 1775. 6 p.l., 98 p. 4°.

Kent. A Narrative of the loss of the Kent East Indiaman, by fire in the Bay of Biscay, on the 1st March, 1825, in a letter to a friend. By a passenger. *Edinburgh: Waugh and Innes*, 1831. vi, 7–21 p., 1 pl. 5. ed. 24°.

—— La perdita del K.: racconto autentico di quanto accadde a bordo della Carolina. *Roma*, 1828. 16°.

Wrecks, cont'd.

—— La perdita del Kent, vascello bruciato nell' anno 1825; racconto storico in forma di lettera; tradotto dall' inglese. *Siena*, 1827. 16°.

Key (A. C.) A narrative of the recovery of H. M. S. Gorgon, stranded in the bay of Monte Video, May 10th, 1844. *London*, 1847. 8°.

Krebs (Wilhelm). Statistik der Schiffsverluste mit Bezugnahme auf die natürlichen Ursachen. 1 map. (Deutsche Rundschau f. Geog. u. Statist. Jahrg. 28, pp. 193–203. *Wien*, 1906.)

Lacasse (Victoire). The Bourgogne disaster. B. V. L. the only woman survivor of the wreck. (Harper's Weekly. *New York*, 1898. f°. v. 42, pp. 724–725.)

Latest (The) wreck returns. (Graphic. v. 61, pp. 173. *London*, 1900.)

Lewins (R.) Vindication of the captain and crew of the smack, Earl of Wemyss, which was stranded on the coast of Norfolk on 1. September, 1833 ... *Leith: J. Burnet*, 1834. 1 p.l., 72 p. 2. ed. 8°.

Lexington. Letter to the Hon. Daniel Webster on the causes of the destruction of the steamer Lexington, as discovered in the testimony before the coroner's jury in New York; by A traveller, [*i. e.*, H. R. Cleveland]. *Boston*, 1840. 8°.

[**Livermore** (C. W.)] The ancient wreck. Loss of the Sparrow-Hawk in 1626. Remarkable preservation and recent discovery of the wreck. *Boston: A. Mudge & Son*, 1865. 38 p. 12°.

Lloyd (J. F.) Steamboat directory, and Disasters on the Western waters. *Cincinnati*, 1886. 8°.

Lord (T. F.) A concise account of a voyage made...in the ship Minerva, in the winter of 1818. Written...in 1870, from recollection solely. *New York: Privately printed*, 1871. 11 ff., 1 map, 1 pl. 8°.

Manby (G W.) Reflections on shipwreck, with historical facts and and suggestions for diminishing that calamity...[by G. W. Manby]? *Yarmouth: C. Sloman* [1837]. xvi, 1 l., 19–31 p. 8°.

Margollé (Elié). *See* **Zurcher** (Fréderic) and ELIÉ MARGOLLÉ.

Mariner's (The) chronicle, containing narratives of ... disasters at sea ... also naval engagements...and other extraordinary and interesting occurrences. *New Haven: G. W. Gorton*, 1834. iii–xii, 13–504 p., 13 pl. 12°.

Martinez (Pierre). Recueil d'un fort notable naufrage tiré des lettres du père Pierre Martinez, escrites en la ville de Goa es Indes Orientales, au Reuerend P. General de la compagnie de nom de Iesus, le 9. iour de Decembre, 1586. *Paris: N. Niuelle*, 1588. 55 ff. 8°.

Mathyssen (J. D. T.) *Ad titulum codicis, de naufragiis. *Lugduni Batavorum*, 1835. 4 p.l., 46 p., 2 l. 8°.

May (R. de). Narrative of the sufferings and adventures of Henderick Portenger, a private soldier of the late Swiss regiment de Mueron, who was wrecked on the shores of Abyssinia, in the Red Sea. *London: R. Phillips & Co.*, 1819. 28 p. 4°.

Melancholy consequences of two sea storms, being, an account of the shipwreck of a Portuguese snow, on her passage from Goa to Madras, in the year 1782, on board of which was Donald Campbell, Esq; of Barbeck, (as related in his journey to India); and a narrative of the loss of the Halsewell, East-Indiaman, Capt. Richard Pierce; unfortunately wrecked at the isle of Purbeck, coast of Dorsetshire, January 6th, 1786, compiled from the communication of the two chief officers who escaped the dreadful catastrophe. *Dunbar: G. Miller* [1800?]. 24 p. 12°.

Meriton (H.), *and* J. ROGERS. A circumstantial narrative of the loss of the Halsewell, (East-Indiaman) ... which was wrecked at Seacombe ... 6th Jan., 1786. Compiled from the communications... of Mr. H. Meriton and Mr. J. Rogers ... *London: W. Lane*, 1786. 82 p. 7. ed. 16°.

Mohegan. The wreck of the "Mohegan." (Graphic. *London*, 1898. f°. v. 58, pp. 543.)

Moore (Marian). The touching and melancholy narrative of M. M., the shipwrecked female sailor, ... written by M. M., herself. *New York: J. Merone & Co.*, 1853. 2 p.l., 15–49 p. illus. 8°.

***Naufragio** (De) et naufragorum jure. *n. p.*, n. d. 36 p., 1 l. 4°.

New York Board of Underwriters. Report of committee to investigate the causes of loss of the U. S. mail steamer Central America ... which foundered at sea ... Sept. 27th, 1857. *New York*, 1857. 2 pts. 8°.

Oliver (J.) Wreck of the Glide, with recollections of the Fijiis and of Wallis Island. Edited by W. G. Dix. *New York*, 1848. 12°.

Ongeluckig, of droevigh verhaal van 't schip De Gouden Buys, uytgevaren ten dienste van d'Oost-Indische Compagnie, ter Camer Enchuysen ... 1693. den 4. May ... Uyt de beedighde verklaringe t'samen gestelt van D. Silleman ... en L. Thysz ... *Enchuysen: H. van Straalen* [1694?]. 2 p.l., 28 p. sq. 12°.

Paddock (Judah). Narrative of the shipwreck of the ship Oswego on the coast of south Barbary. *New York*, 1818. 8°.

Pesce (G. L.) Contre les naufrages. (Rev. des rev. *Paris*, 1898. 8°. v. 27, pp. 623–636.)

Procter (George H.) The fishermen's memorial and record book, containing a list of vessels and their crews, lost from the port of Gloucester, from ... 1830 to ... 1873. *Gloucester: Procter Bros.*, 1873. iv, ii, 3–172 p. 8°.

Remarkable shipwrecks; or, A collection of interesting accounts of naval disasters ... *Hartford*, 1814. 12°.

Riley (J.) Loss of the American Brig Commerce, wrecked on the western coast of Africa ... 1815, with an account of Tombuctoo and of the hitherto undiscovered great city of Wassanah. *London*, 1817. 4°.

—— —— traduit en Français par M. Peltier. *Paris*, 1818. 2 v. 8°.

Robbins (Archibald). A journal, comprising an account of the loss of the brig Commerce of Hartford, Conn , James Riley, master, upon the western coast of Africa. Aug. 28, 1815; also of the slavery and sufferings of the author and the rest of the crew, upon the Desert of Zahara, in 1815–17; with accounts of the manners ... of the wandering

Wrecks, cont'd.

Arabs; also, a ... view of the continent of Africa. *Hartford: F. D. Bolles & Co.*, 1817. vii, 2 l., 258 p. 12°.

Map missing.

—— —— *Hartford: Silas Andrus*, 1820. 12. ed. viii, 2 l., 13–275 p., 1 map. 16°.

—— —— *Hartford: Andrus*, 1821. 14. ed. 275 p., 1 map. 12°.

—— —— *Hartford: Andrus*, 1823. 16. ed. 275 p., 1 map. 12°.

—— —— *Hartford: Andrus*, 1847. 275 p. 12°.

Royal National Institution for the preservation of life from shipwreck. First annual report. *London* [1825]. 8°.

Sajous (C. E. de M.) Responsibility of steamship companies in marine disasters. (Scientif. Amer. *New York*, 1898. f°. v. 79, pp. 51–52.)

Sarah Sands. Narrative of the burning of the "Sarah Sands" screw steam ship, with the headquarters of H. M. 54th regiment on board. By a late 54th officer. vi, 7–29 p., 1 pl. *London: Bemrose & Sons*, 1870. 12°.

Saunders (*Miss* Ann). Narrative of the shipwreck and sufferings of Miss Ann Saunders ... passenger on ... the ship Francis Mary, which foundered at sea on the 5th Feb., 1826, on her passage from New Brunswick to Liverpool ... Written by herself. Annexed is a solemn address of Miss Saunders ... *Providence: Z. S. Crossmon*, 1827. 38 p. 16°.

Schiffsunfälle (Die) an der deutschen Küste während des Jahres 1895. (Vierteljahrshefte zur Statist. d. deut. Reichs. Jahrg. 6 (1897). Heft 1, pp. 113–123. *Berlin*, 1897.)

Continued annually.

Schipbreuk van den gouverneur F. Ridder de Stuers op de Lucipara's den 5. van Bloeimaand [May] 1837 ... *Arnhem: W. K. Kien & Co.* [1837?] 24 p., 2 l. 8°.

Senior (W.) Notable shipwrecks, being tales of disaster and heroism at sea. *London* [1873]. 16°.

Simonis (J. A. van). Opmerkende wederwaardigheden, aangande de ziektens, doden en oproerige ontmoetingen van en op het schip de Adrichem . . . meedegedeeld door een brief, geschreeven ... op de reede aan Cabo de Gode Hoop, den 8. April toegezonden ... *Amsterdam: A. Olofszen*, 1743. 8 p. sq. 8°.

Société centrale de sauvetage des naufragés. Annales du sauvetage maritime. Année 29, no. 2 (Apr.–June, 1894); 31, no. 4 (Oct.–Dec. 1896); 32, no. 1 (Jan.–March, 1897); 33, no. 3 (July–Sept. 1898); 34 (1899); 35, nos. 1–3 (Jan.–Sept. 1900); 36–40 (1901–March, 1905). *Paris*, 1894–1905. 8°.

Société générale des naufrages, dans l'interêt de toutes les nations. [Publications,] no. 6. [*Paris: A. Belin*, 1837.] 12°.

Statistique des naufrages et autres accidents de mer. (Revue Maritime. *passim*.)

Steamboat disasters and railroad accidents in the United States. *Worcester*, 1846. 12°.

Stella. The wreck of the "Stella." (Graphic. v. 59, pp. 422–424 and 426–427. *London*, 1899.)

Sterling Castle. Memorial of the proceedings of H. M. S. Sterling Castle, from her sailing from Jamaica, Sept., 1780, to her being wrecked, 18th Oct. following, on the Silver Keys; by one of the survivors. *London*, 1823. 16°.

Story (Alfred T.) Wrecks on the south coast. (Cassell's Maga. *London*, 1898. 8°. pp. 576–583.)

Stout (Benjamin). Narrative of loss of the ship Hercules ... [*London*, 1798.] 12°.

Surprise. A narrative of the shipwreck of the British brig, "Surprise," of Glasgow, John William Ross, master, on the coast of Barbary, on the 28th December, 1815; and subsequent captivity of the passengers and crew by the Arabs, until ransomed by the worshipful company of ironmongers. *London: Gye & Balne*, 1817. 56 p. 12°.

Tegg's mariner's marvellous magazine; or, Wonders of the ocean; containing ... adventures ... of mariners, in various parts ... *London: T. Tegg*, 1803. 3 v. 12°.

Temple (R. C.) The wreck of the Doddington, 1755. 1 chart. (Indian Antiquary. v. 29, pp. 294–299; 330–333; v. 30, pp. 451–456; 491–499; v. 31, pp. 114–131; 180–191; 222–229. *Bombay*, 1900–1902.)

Treanor (*Rev.* T. S.) Heroes of the Goodwin Sands. *New York: F. H. Revell Co.* [1892] 1 p.l., 256 p., 2 pl. 12°.

True (The) causes of the numerous wrecks of merchant shipping clearly explained; and an appeal to the nation ... to apply the remedy. By a surveyor of shipping. *Kirkcaldy: Reid & Son*, 1833. 42 p. 16°.

Verunglückungen deutscher Seeschiffe in den Jahren 1894–1895. (Vierteljahrshefte zur Statist. d. deut. Reichs. Jahrg. 6 (1897). Heft 1, pp. 101–112. *Berlin*, 1897.)

Continued annually.

Vidal Gormaz (Francisco). Algunos naufrajios ocurridos en las costas chilenas desde su descubrimiento hasta nuestros dias. *Santiago de Chile: Imp. Elzeviriana*, 1901. xvi, 899 p., 1 pl. 4°.

Webster (Harrie). A personal inspection of the wreck of the Vandalia, at Samoa, March 16, 1889. (United Service. ser. 3, v. 8, pp. 407–436. *New York*. 1905.)

Wilson (H.), *and others*. An account of the Pelew Islands, situated in the Great South Sea. Composed from the journals of Capt. H. W., and his officers who in August, 1783, were there shipwrecked in the Antelope Packet. *Brookfield, Mass.: E. Merriam & Co.* [178–?] 196 p. 24°.

Woodward (D.) Narrative of himself and four Seamen, who lost their ship near Celebes. *London*, 1805. 8°.

Woolf (Alexander). The loss of the Rio de Janeiro. (Overland Monthly. v. 37, pp. 847–851. *San Francisco*, 1901.)

Wrecks of British shipping. (Nautical Magazine. v. 1–12, 1832–1843. *passim*.)

Zurcher (Fréderic), *and* ÉLIE MARGOLLÉ. Les naufrages célèbres. *Paris: Hachette et Cie.*, 1873. 1 p.l., ii, 308 p. illus. 2. ed. 12°. (Bib. des merveilles.)

—— —— Another copy. *Paris*, 1872. 12°.

PRINCIPAL ACCESSIONS IN JUNE.

BIBLIOGRAPHY.

Birt (Theodor). Die Buchrolle in der Kunst. Archäologisch-antiquarische Untersuchungen zum antiken Buchwesen. Mit...Abbildungen. *Leipzig: B. G. Teubner*, 1907. viii, 352 p. 8°.

Champneys (Amian L.) Public libraries. A treatise on their design, construction, and fittings. With a chapter on the principles of planning, and a summary of the law. *London: B. T. Batsford*, 1907. xiii, 183 p., 8 pl. ill. 4°.

James (Montague Rhodes). A descriptive catalogue of the manuscripts in the library of Gonville and Caius College. v. 1. *Cambridge: The University Press*, 1907. 4°.

BIOGRAPHY.

Individual.

Alphabetical by subjects.

BALCH genealogica. By Thomas Willing Balch. *Philadelphia: Allen, Lane and Scott*, 1907. 410 p., 11 pl., 6 port. 4°.

BENJAMIN (Judah P.) Judah P. Benjamin. By Pierce Butler. *Philadelphia: G. W. Jacobs & Co.* [1906.] 450 p., 1 port. 12°. (American crisis biographies.)

BOUFFLERS, Marquis de. La marquise de Boufflers et son fils le Chevalier de Boufflers. Par Gaston Maugras. Avec un portrait. *Paris: Plon Nourrit et Cie.*, 1907. 2 p.l., vi, 560 p., 1 port. 2. ed. 8°.

CHESTERFIELD (4. *earl*), PHILIP DORMER STANHOPE. Life of Lord Chesterfield, an account of the ancestry, personal character & public services of the fourth Earl of Chesterfield. By W. H. Craig. *London: John Lane, The Bodley Head*, 1907. xi, 378 p., 1 fac-sim., 1 pl., 26 port. 8°.

CRABBE (George). George Crabbe and his times, 1754–1882. A critical and biographical study. By René Huchon. Translated from the French by Frederick Clarke. *London: J. Murray*, 1907. xvi, 561 p., 1 fac-sim., 2 port. 8°.

DANA (Charles Anderson). The life of Charles A. Dana. By James Harrison Wilson. *New York: Harper & Bros.*, 1907. xi (1), 544 p., 1 l., 1 port. 8°.

FALKLAND (2. *Viscount*), LUCIUS CARY. The life and times of Lucius Cary Viscount Falkland. By J. A. R. Marriott. With...illustrations. *London: Methuen & Co.* [1907.] xi, 358 p., 1 l., 3 maps, 8 pl., 12 port. 8°.

JAQUETT family. Genealogy of the Jaquett family. By Edwin Jaquett Sellers. *Philadelphia:* [*Allen, Lane & Scott,*] 1907. 226 p., 2 pl., 5 port. Rev. ed. 8°.

JOHNSON family. Jacob Johnson of Harpswell, Maine, and his descendants east and west. By Rev. Charles Nelson Sinnett. *Concord, N. H.: Rumford Prtg. Co.*, 1907. 132 p., 2 pl., 6 port. 8°.

JONSON (Ben). Ben Jonson. L'homme et l'œuvre. (1572–1637.) Par Maurice Castelain. *Paris: Hachette & Cie.*, 1907. xxvii, 953 p. 8°.

LLOYD family. The Lloyds of Birmingham, with some account of the founding of Lloyds Bank. By Samuel Lloyd. *Birmingham: Cornish Bros.*, 1907. xvi, 246 p., 3 facsim., 1 plan, 9 pl., 11 port. 8°.

MURILLO. A biography and appreciation. By Albert F. Calvert. With 165 illustrations. *London: John Lane*, 1907. xiii, 186 p., 1 l., 2 port. 12°.

PLANT family. The house of Plant of Macon, Georgia, with genealogies and historical notes. By G. S. Dickerman. *New Haven: Tuttle, Morehouse & Taylor Co.*, 1900. 259 p., 3 gen. charts, 3 pl., 26 port. 8°.

MOTT family. Adam and Anne Mott: their ancestors and their descendants. Printed for the family. By Thomas C. Cornell. *Poughkeepsie, N. Y.: A. V. Haight*, 1890. 1 pl., viii, [9]–418 p., 1 l., 6 fac., 26 pl., 11 port. 8°.

SEDDON (Richard John). The life and work of Richard John Seddon, premier of New Zealand, 1893–1906. With a history of the Liberal party in New Zealand. By James Drummond. *London: Siegle, Hill & Co.*, 1907. 2 p.l., (1) viii–x, 1 l., 392 p., 18 pl., 6 port. 8°.

SPENCER family. Genealogical sketch of the descendants of Samuel Spencer of Pennsylvania. By Howard M. Jenkins. *Philadelphia: Ferris & Leach*, 1904. vii, 250 p. 8°.

STAËL, Madame de. Madame de Staël and her lovers. By Francis Gribble. *London: Eveleigh Nash*, 1907. xviii, 368 p., 5 port. 8°.

STEEN family. The Steen family in Europe and America. A genealogical, historical and biographical record of nearly three hundred years, extending from the seventeenth to the twentieth century. By Moses D. A. Steen. *Cincinnati, O.: Monfort & Co.*, 1900. 562 p. illus. 8°.

STEWART family. Genealogy and biography of the descendants of Walter Stewart of Scotland and of John Stewart who came to America in 1718 and settled in Londonderry, N. H. By B. Frank Severance. *Greenfield, Mass.*, 1905. xi, 215 p., 1 facsim., 2 port. 12°.

STOKES (*Sir* George Gabriel), *bart.* Memoir and scientific correspondence of the late Sir George Gabriel Stokes, Bart...Selected and arranged by Joseph Larmor. *Cambridge: The University Press*, 1907. 2 v. ports. 8°.

AMERICA.

Allen (Philip Loring). America's awakening. The triumph of righteousness in high places. *New York: Fleming H. Revell Co.* [cop. 1906] 288 p., 1 map, 7 ports. 8°.

Ames (Azel). The May-Flower and her log, July 15, 1620–May 6, 1621. Chiefly from original

sources. *Boston: Houghton, Mifflin & Co.*, 1907. xxii, 385 (1) p., 1 facsim., 5 maps, 2 pl., 1 port. 4°.

Caldwell (Joshua William). Studies in the constitutional history of Tennessee. *Cincinnati: The Robert Clarke Co.*, 1907. vii, 412 p. 2. ed. 8°.

Doyle (John Andrew). The English in America. *London: Longmans, Green & Co.*, 1882–1907. 5 v. 8°.

v. 1. Virginia, Maryland, and the Carolinas. 1882.
v. 2–3. The Puritan Colonies. 1882.
v. 4. The Middle Colonies. 1907.
v. 5. The Colonies under the House of Hanover. 1907.

Dracut, Mass. Vital records of Dracut, Massachusetts, to the year 1850. *Boston: New England Historic Genealogical Society*, 1907. 302 p. 8°.

Edwards (William Seymour). On the Mexican highlands. With a passing glimpse of Cuba. *Cincinnati: Jennings & Graham* [cop. 1906]. 283 p., 1 map, 99 pl. 8°.

Fenner (M.) History of Fall River. Prepared under the direction of a Committee of Prominent Citizens appointed by his Honor Mayor John T. Coughlin. *New York: E. T. Smiley Publishing Co.*, 1906. 3 p.l., 264 p., 2 port. 4°.

Flatey (The) book and recently discovered Vatican manuscripts concerning America as early as the tenth century. Documents now published for the first time, which establish beyond controversy the claim that North America was settled by Norsemen five hundred years before the time of Columbus. *London: The Norræna Society*, 1906. 176 p. f°.

Fuller (Hubert Bruce). The purchase of Florida, its history and diplomacy. *Cleveland: The Burrows Brothers Co.*, 1906. 399 p., 2 maps. 8°.

Galpin (Henry J.) Annals of Oxford, New York, with illustrations and biographical sketches of some of its prominent men and early pioneers: compiled, edited and published by Henry J. Galpin. *Oxford, N. Y.: Henry J. Galpin*, 1906. 568 p., 1 facsim., 18 pl., 3 port. 8°.

Gardner, *Mass.* Vital records of Gardner, Massachusetts, to the end of the year 1849. *Worcester, Mass.: F. P. Rice*, 1907. 136 p. 8°. (Systematic History Fund.)

Gautier (Ferdinand). Chili et Bolivie. Étude économique et minière. *Paris: E. Guilmoto* [1906]. vi, 1 l., 228 p., 1 l. 8°.

Glass (Frederick C.) Through the heart of Brazil. A diary...during a gospel expedition... with some information about the interior Indian tribes. *Liverpool: the South American Evangelical Mission* [1906]. 2 p.l., iv, 135 (1) p. ill. sq. 8°.

Grieve (Symington). Notes upon the island of Dominica (British West Indies). *London: Adam & Charles Black*, 1906. 126 p., 1 map, 17 plates. 12°.

Haney (William Henry). The mountain people of Kentucky. An account of present conditions with the attitude of the people toward improvement. *Cincinnati, O.: the Robert Clarke Co.*, 1906. 1 p.l., 196 p., 1 map, 10 pl., 4 port. 8°.

Hawkes (Nathan Mortimer). Hearths and homes of old Lynn, with studies in local history. *Lynn, Mass.: T. P. Nichols & Sons*, 1907. xvi, 1 l., 350 p., 22 pl., 3 port., ill. 8°.

Hill-Tout (Charles). British North America. [v.] 1. *London: A. Constable & Co., Ltd.*, 1907. illus. 8°. (The Native races of the British Empire.)

[v.] 1. The Far west, the home of the Salish and Déné.

Hine (Charles G.) The New York and Albany post road. From King's Bridge to "the ferry at Crawlier, over against Albany," being an account of a jaunt on foot made at sundry convenient times between May and November, nineteen hundred and five. *New York: the Author*, 1905. 2 p.l., vi, 109 p. illus. 12°.

Historic (An) guide to Cambridge, compiled by members of the Hannah Winthrop Chapter National Society, Daughters of the American Revolution. *Cambridge*, 1907. 4 p.l., 207 p., 3 maps, 32 pl. 8°.

Hobson (John Atkinson). Canada to-day. *London: T. F. Unwin*, 1906. xiii, 143 (1) p. 12°.

Hodge (Frederick Webb). Handbook of American Indians, north of Mexico. Edited by Frederick Webb Hodge. Pt. 1. *Washington: Govt. Prtg. Off.*, 1907. 8°. (U. S. Amer. Ethnology, Bur. of. Bull. 30.)

Hosmer (James Kendall). Outcome of the Civil War, 1863–1865. With maps. *New York: Harper & Bros.*, 1907. xiv, 1 l. (1), 4–352 p., 9 maps, 1 port. 8°. (The American nation. Vol. 21.)

Hoyt (William Henry). The Mecklenburg Declaration of Independence. A study of evidence showing that the alleged early Declaration of Independence by Mecklenburg County, North Carolina, on May 20th, 1775, is spurious. *New York: G. P. Putnam's Sons*, 1907. xv, 284 p., 8 facsim. 8°.

Hubbardston, *Mass.* Vital records of Hubbardston, Massachusetts, to the end of the year 1849. *Worcester, Mass.: Franklin P. Rice*, 1907. 226 p. 8°. (Systematic History Fund.)

Hunt (Edmund Soper). Weymouth ways and Weymouth people. Reminiscences. *Boston: Privately printed*, 1907. 307 p., 1 port. 8°.

James (Henry). The American scene. *New York: Harper & Bros.*, 1907. vi, 1 l., 442 p., 1 l. 8°.

Jefferson (Thomas). Jefferson's Germantown letters, together with other papers relating to his stay in Germantown during the month of November, 1793. By C. F. Jenkins. *Philadelphia: W. J. Campbell*, 1906. 4 p.l., (1) xii–xxiv, 1 l., 194 p., 4 l., 2 facsim., 5 pl., 1 port. 4°.

Killikelly (Sarah H.) The history of Pittsburgh, its rise and progress. *Pittsburgh, Pa.: B. C. & G. Montgomery Co.*, 1906. xix, 568 p., 1 diag., 1 facsim., 3 maps, 5 plans, 31 plates, 6 port. 8°.

Letters from Port Royal written at the time of the Civil War. Edited by Elizabeth Ware Pearson. *Boston: W. B. Clarke Co.*, 1906. ix, (1), 345 p., 1 map. 12°.

Lewis (Isaac Newton). Addresses on Sir Robert Walpole and Rev. Phillips Payson, men prominent in the early history of Walpole, Mass. Given at the request of citizens of the town by I. N. Lewis. *Walpole, Mass.: First Historical Soc. of Walpole*, 1905. 2 p.l., 5–55 p., 3 pl., 3 port. sq. 8°.

—— A history of Walpole, Mass. From earliest times, with illustrations. *Walpole, Mass.: First Historical Soc. of Walpole, Mass.*, 1905. ix, 217 p., 14 pl., 9 port. 8°.

Making (The) of America. Robert Marion La Follette Editor-in-chief, William M. Handy, managing editor. *Chicago: The Making of America Co.* [cop. 1906] 10 v. illus. 8°.

Medford, *Mass.* Proceedings of the celebration of the two hundred and seventy-fifth anniversary of the settlement of Medford, Mass., June, 1905. Prefaced by a brief history of the town and city from the day of settlement, by John H. Hooper. [*Medford:*] *The Executive Committee* [1906]. xii, 261 p., 4 maps, 39 pl., 5 port. 8°.

Medford, *Mass.* Vital records of Medford, Massachusetts, to the year 1850. *Boston: New England Historic Genealogical Society*, 1907. 469 p. 8°.

Meeker (Ezra). The ox team; or, The old Oregon trail, 1852–1906. An account of the author's trip across the plains, from the Missouri River to Puget Sound...in 1852, and of his return ...in the year 1906. *Omaha, Neb.: The Author* [1906]. 248 p. illus. 3. ed. 12°.

Memorial (The) cyclopedia of the twentieth century, comprising memoirs of men and women who have been instrumental in the progress of the industries, professions, arts, literature, legislation, society and charities of the United States. *New York: The Pubg. Society of N. Y.* [cop. 1906] xii, 448 p., 142 ports. 4°.

Octavio (Rodrigo). Festas nacionaes. Livro approvado pelo Conselho Superior de Instrucção Publica. *Rio de Janeiro: Francisco Alves*, 1905. 175 (1) p. 3. ed. 12°. (Educação civica.)

Oppel (A.) Landeskunde des Britischen Nord-Amerika. *Leipzig: G. J. Göschen*, 1906. 154 p., 1 map. illus. 16°. (Sammlung Göschen.)

Oppel (A.) Wirtschaftsgeographie der Vereinigten Staaten von Nordamerika. *Halle a. S.: Gebauer-Schwetschke Druckerei und Verlag m. B. H.*, 1907. 4 p.l., 159 (1) p. 8°. (Angewandte Geographie. Serie 3. Heft 2.)

Paine (Ralph Delahaye). The greater America. *New York: Outing Pub. Co.*, 1907. xiii, 327 p., 45 pl. 8°.

Pfister (Albert). Nach Amerika im Dienste Friedrich Schillers. Der Völkerfreundschaft gewidmet von Albert Pfister. *Stuttgart: F. G. Cotta*, 1906. iv, 1 l., 170 p. 8°.

Pierce (James Oscar). Studies in constitutional history. *Minneapolis: The H. W. Wilson Co.*, 1906. 3 p.l., 330 p. 12°.

Prince (Leon C.) A bird's-eye view of American history. *New York: Charles Scribner's Sons*, 1907. vi, 1 l., 364 p. 12°.

Prudden (T. Mitchell). On the great American Plateau. Wanderings among canyons and buttes, in the land of the cliff-dweller, and the Indian of to-day. Illustrated...by Edward Leaming. *New York: G. P. Putnam's Sons*, 1906. viii, 1 l., 243 p., 1 map, 40 pl. 12°.

Reynolds (Cuyler). Albany chronicles. A history of the city arranged chronologically, from the earliest settlement to the present time. Illustrated with many historical pictures of rarity and reproductions of the Robert C. Pruyn collection of the Mayors of Albany. *Albany, N. Y.: J. B. Lyon Co.*, 1906. xxiv, 2 l., 5–817 p., 6 facsim., 6 maps, 157 pl., 62 port. 8°.

Reynolds (John S.) Reconstruction in South Carolina, 1865–1877. *Columbia, S. C.: The State Co.*, 1905. 1 p.l., iii, [2]–522 p., 1 port. 8°.

Roberts (George Simon). Historic towns of the Connecticut River Valley...[Illustrations from photographs by W. Earl Weller.] *Schenectady, N. Y.: Robson & Adee* [1906]. vii, 494 p., 1 pl. illus. 8°.

Schultz (J. W.) My life as an Indian. The story of a red woman and a white man in the lodges of the Blackfeet. Illustrated from photographs, mostly by George Bird Grinnell. *New York: Doubleday, Page & Co.*, 1907. x, 3 l., 3–426 p., 16 pl. 8°.

Smith (J. Allen). The spirit of American government. *New York: The Macmillan Company*, 1907. xv, 409 p. 12°. (The Citizen's Library.)

Smith (John). The generall historie of Virginia, New England & The Summer Isles, together with The true travels, adventures and observations, and A sea grammar. *Glasgow: J. MacLehose & Sons*, 1907. 2 v. maps, port. 8°.

Spanish explorers in the southern United States, 1528–1543. The narrative of Alvar Nuñez Cabeça de Vaca. Edited by Frederick W. Hodge ...The narrative of the expedition of Hernando de Soto by the Gentleman of Elvas. Edited by Theodore H. Lewis...The narrative of the expedition of Coronado, by Pedro De Castañeda. Edited by Frederick W. Hodge. *New York: C. Scribner's Sons*, 1907. xv, 411 p., 1 fac-sim., 2 maps. 8°. (Original narratives of early American history.)

Speed (Thomas). The Union Cause in Kentucky, 1860–1865. *New York: G. P. Putnam's Sons*, 1907. xxiii, 355 p., 1 port. 8°.

Sutton, *Mass.* Vital records of Sutton, Massachusetts, to the end of the year 1849. *Worcester, Mass.: F. P. Rice*, 1907. 478 p. 8°. (Systematic History Fund.)

Todd (Charles Burr). The History of Redding, Connecticut, from its first settlement to the present time. *New York: Tho Grafton Press* [cop. 1906]. v, 1 l., 303 p., 24 pl., 14 port. 4°.

—— In olde Connecticut. Being a record of quaint, curious and romantic happenings there in colonie times and later. *New York: The Grafton Press* [1906]. x, 1 l., 244 p., 1 pl. [2. ed.] 12°.

Tomlinson (Everett Titsworth). The war of 1812. *New York: Silver, Burdett & Co* [cop. 1906] 200 p. illus. 12°. (Stories of Colonie and Nation.)

Townsend (Charles Wendell). Along the Labrador coast. *Boston: D. Estes & Co.* [cop. 1907.] 3 p.l., v, xii, 11–280 p., 1 map, 1 pl. ill. 8°.

Van Rensselaer (*Mrs.* M. King). Newport, our social capital. With frontispiece in color by Henry Hutt, many illustrations in photogravure... and from drawings by Edward Stratton Holloway.

Philadelphia: J. B. Lippincott Co.. 1905. 18, 1 l., 17–402 p., 3 maps [2 in pocket], 1 plan, 51 pl. 4°.

Weaver (Ethan Allen). Local historical and biographical notes, collected from files of newspapers published in Easton, Penn. [Historical sketches relating to] Easton and Northampton County, Pa., and their inhabitants.] *Germantown, Pa.*, 1906. 1 p.l., 315 p., 2 l. 8°.

West Stockbridge, *Mass.* Vital records of West Stockbridge, Massachusetts, to the year 1850. *Boston: New England Historic Genealogical Society*, 1907. 115 p. 8°.

EUROPE.

Birch (Walter de Gray). History of Scottish seals from the eleventh to the seventeenth century, with...illustrations. *Stirling: E. Mackay*, 1905–7. 2 v. 4°.

v. 1. The royal seals of Scotland.
v. 2. Ecclesiastical and monastic seals of Scotland.

Boigne (Charlotte-Louise-Eléonore Adelaide d'Osmond de), *Comtesse.* Recits d'une tante. Mémoires de la Comtesse de Boigne, née d'Osmond, publiés ... par M. Charles Nicoullaud. *Paris: Plon-Nourrit & Cie.*, 1907. v. 1. 8°.

Bouches-du-Rhône. Dictionnaire, annuaire et album. *Paris: E. Flammarion*, 1901. vii, 1193 p., 28 pl., 356 port. 8°. (Les Dictionnaires Départementaux.)

Bourgeois (Émile), *and* E. CLERMONT. Rome et Napoléon III (1849–1870). Études sur les origines et la Chute du Second Empire. Avec une préface des Gabriel Monod. *Paris: A. Colin*, 1907. xvii, 370 p. 8°.

Brohm, *Major.* Helgoland in Geschichte und Sage. Seine nachweisbaren Landverluste und seine Erhaltung. Mit 9 Textillustationen...Unter Benutzung dienstlicher Quellen von Brohm. *Cuxhaven, Helgoland: A. Rauschenplat*, 1907. 4 p.l., 69 p., 15 plans, 22 pl., 1 tab. f°.

Butler (W. F.) The Lombard Communes; a history of the republics of North Italy. *London: T. Fisher Unwin*, 1906. 495 (1) p., 6 maps, 49 pl., 1 tab. 8°.

Burke (Sir John Bernard *and* A. P.) A genealogical and heraldic history of the peerage and baronetage, the Privy Council, Knightage and Companionage. *London: Harrison & Sons*, 1907. 1 p.l., ccxix, 2361 p. 69. ed. 4°.

Calvert (Albert Frederick). The Escorial. A historical and descriptive account of the Spanish royal palace, monastery and mausoleum. *London: John Lane, The Bodley Head*, 1907. xxiii, 77 p., 139 pl. 12°. (The Spanish Series. [v. 5.])

Campardon (Émile), *and* A. TUETEY. Inventaire des registres des insinuations du Châtelet de Paris, règnes de François Ier et de Henri II. *Paris: Imprimerie Nationale*, 1906. xlvii, 1098 p. f°. (Histoire générale de Paris. Collection de documents.)

Claretie (Jules). La vie à Paris, 1906. *Paris: Bibliothèque-Charpentier*, 1907. vii, 453 p. 12°.

Clarke (Henry Butler). Modern Spain, 1815–1898. With a memoir by the Rev. W. H. Hutton. *Cambridge: The University Press*, 1906. xxvi, 510 p., 1 map. 12°. (Cambridge historical series.)

Colquhoun (Archibald Ross, *and* Ethel). The whirlpool of Europe: Austria-Hungary and the Habsburgs. *New York: Dodd, Mead & Co.*, 1907. xvi, 349 p., 11 maps, 62 pl. 8°.

Conrady (Ludwig Wilhelm). Aus stürmischer Zeit. Ein Soldatenleben vor hundert Jahren. Nach den Tagebüchern u. Aufzeichnungen des weiland kurhessischen Stabskapitäns im Leibdragoner-Regiment L. W. Conrady. *Berlin: C. A. Schwetschke u. Sohn*, 1907. iv, 424 p., 1 map, 1 port. 8°.

Copinger (Walter Arthur). The manors of Suffolk. Notes on their history and devolution. v. 1. *London: T. F. Unwin*, 1905. illus. f°.

Cotes (Everard). Signs and portends in the Far East. *London: Methuen & Co.* [1907] xii, 308 p., 22 pl., 2 port. 8°.

D'Alton (*Rev.* E. A.) History of Ireland, from the earliest times to the present day. In three volumes. v. 1. *London: K. Paul, Trench, Trübner & Co.*, 1906. 2. ed. maps, plans. 8°.

Deutches Bürgertum und deutscher Adel im 16. Jahrhundert. Lebens-Erinnerungen des Bürgermeisters Bartholomäus Sastrow und des Ritters Hans von Schweinichen. Bearbeitet von... Max Goos. [Ausgabe A.] *Hamburg: E. Schultz*, 1907. 2 v. 8°. (Bibliothek wertvoller Memoiren... Bd. 2.)

Deux-Sèvres. Dictionnaire biographique et album. *Paris: E. Flammarion* [1906]. vii, 547 p., 24 pls., 256 port. 8°. (Les Dictionnaires départementaux.)

De Windt (Harry). Through savage Europe. Being the narrative of a journey (undertaken as special correspondent of the "Westminster Gazette"), throughout the Balkan States and European Russia. Second impression. With...illustrations. *London: T. F. Unwin*, 1907. 300 p., 74 pl., 23 port. 8°.

Dungern (Otto von), *Freiherr.* Ahnen Deutscher Fürsten. Bd. 1. *Papiermühle, S. A.:* Gebr. Vogt, 1906. ob. 4°.

Bd. 1. Haus Zollern. Anhnen der deutschen Kaiser Könige und Herzöge von Preussen. 1906.

Eisner (Kurt). Das Ende des Reichs. Deutschland und Preussen im Zeitalter der grossen Revolution. *Berlin: Verlag Buchhandlung Vorwärts*, 1907. viii, 384 p. 8°.

Falk (Henri). *Les privilèges de librairie sous l'ancien régime. Étude historique du conflit des droits sur l'œuvre littéraire. *Paris: A. Rousseau*, 1906. 2 p.l., iii, 186 p., 1 l. 4°. (Université de Paris—Faculté de droit.)

Falkiner (Caesar Litton). Studies in Irish history and biography, mainly of the eighteenth century. *London: Longmans, Green & Co.*, 1902. viii, 1 l., 362 p. 8°.

Ferrero (Guglielmo). The greatness and decline of Rome. Translated by Alfred E. Zimmern. *London: W. Heinemann*, 1907. 2 v. 8°.

Fisher (H. A. L.) The history of England from the accession of Henry VII to the death of Henry VIII. (1485–1547.) *London: Longmans, Green & Co.*, 1906. xx, 518 p., 2 maps. (The Political History of England. v. 5.)

Foerderreuther (Max). Die Allgäuer Alpen. Land und Leute... Mit... Abbildungen. *Kemp-*

ton: J. Kösel, 1907. xvi, 525 (1) p., 2 maps, 25 pl., 2 part. 4°.

France (La) et l'Allemagne en 1906. La guerre possible. Par un Diplomate. Préface du commandant Driant. *Paris: J. Tallandier* [1906]. xiii, 234 p. 12°.

Fraser (Alexander Duncan). Some reminiscences and the bagpipe. *Edinburgh: W. J. Hay* [1907]. xii, 432 p., 1 fac-sim., 35 pl. 8°.

Friedjung (Heinrich). Der Krimkrieg und die österreichische Politik. *Stuttgart: J. G. Cotta'sche Buchhandlung Nachfolger*, 1907. viii, 198 p. 8°.

Gallichan (*Mrs.* Catharine Gasquoine Hartley). Moorish cities in Spain. Illustrated by Elizabeth Hartley. *London: Siegle, Hill & Co.*, 1906. 4 p.l., 99 p., 9 pl. illus. 16°. (The Langham Series.)

Gironde. Dictionnaire biographique et album. *Paris: E. Flammarion* [1906]. 2 v. pls., ports. 8°. (Les Dictionnaires départementaux.)

Grabowski (Jósef). Mémoires militaires de Joseph Grabowski, officier à l'état-major impérial de Napoléon Ier 1812–1813–1814. Publiés par... Waclaw Gasiorowski. Traduits du polonais par Jan V. Chelminski et A. Malibran. *Paris: Plon-Nourrit & Cie.*, 1907. 4 p.l., ix, 311 p., 1 port. 12°.

Grad (Charles). L'Alsace. Le pays et habitants. *Paris: Hachette et Cie.*, 1906. 3 p.l., 632 p., 1 port. illus. f°.

Grothe (Hugo). Zur Landeskunde von Rumänien. Kulturgeschichtliches u. wirtschaftliches. *Halle a. S.: Gebauer-Schwetschke*, 1907. xv, 126 p., 1 l., 14 pl., 5 port. 8°. (Angewandte Geographie. Ser. 3, Heft 1.)

Gruyer (Paul). Napoleon King of Elba. From the French... With illustrations. *London: W. Heinemann*, 1906. xx, 293 p., 2 facsim., 1 map, 17 pl., 1 port. 8°.

Guimard (André). *Les Chambres ou Conseils de l'Industrie et du Travail en Belgique, en Hollande et en France. *Auxerre: Imprimerie de l'Indépendant Auxerrois*, 1905. xvi, 160 p. 8°. (Université de Paris. Faculté de droit.)

Hasse (Ernst). Die Besiedelung des deutschen Volksbodens. *München: J. F. Lehmann*, 1905. 2 p.l., 156 p, (In his: Deutsche Politik, Bd. 1, Hft 2.)

Herkalovic (Thomas). Vorgeschichte der Occupation Bosniens und Herzegovina. Mit Bildnis. *Zagreb: M. Majcen*, 1906. 1 l., ii, 187 p., 1 port. 8°.

Hessler (Karl). Hessische Landes- und Volkskunde. Das ehemalige Kurhessen und das Hinterland am Ausgange des 19. Jahrhunderts. In Verbindung mit dem Verein fuer Erdkunde zu Cassel und zahlreichen Mitarbeitern hrsg. von Carl Hessler. *Marburg: N. G. Elwert*, 1904–07. 2 v. illus. 8°.

Hettner (Alfred). Grundzüge der Länderkunde. . Mit... Tafeln... Bd. 1. *Leipzig: O. Spamer*, 1907. 8°.

Bd. 1, Europa.

Hirsch (Fritz). Konstanzer Häuserbuch. Festschrift zur Jahrhundertfeier der Vereinigung der Stadt Konstanz mit dem Hause Baden. Hrsg. von der Stadtgemeinde. Bd. 1. *Heidelberg: C. Winter*, 1906. sq. 4°.

Hohenlohe-Schillingsfuerst (Chlodwig Karl Victor zu), *Fürst.* Memoirs of Prince Chlodwig of Hohenlohe-Schillingsfuerst. Authorised by Prince Alexander of Hohenlohe-Schillingsfuerst and edited by Friedrich Curtius. English edition supervised by George W. Chrystal. *New York: the Macmillan Co.*, 1906. 2 v. facsim., port. 8°.

Hungary, its people, places, and politics. The visit of the Eighty Club in 1906. *London: T. Fisher Unwin*, 1907. 421 (1) p. illus. 8°.

Isère. Dictionnaire biographique et album. *Paris: E. Flammarion* [1906]. vii, 1094 p., 2 l., 137 pl., 153 port. 8°. (Les Dictionnaires Départementaux.)

Jodan (Louis). *La séparation de la Suède et de la Norvège. *Paris: A. Pedone*, 1906. 165 p., 1 l. 8°. (Université de Paris. Faculté de droit.)

Joyce (Patrick Weston). A smaller social history of ancient Ireland, treating of the government, military system... religion... manners, customs. *London: Longmans, Green & Co.*, 1906. 1 p.l., (1) vi–xxiii (1), 574 p., 1 map., 2 pl. illus. 12°.

Juten (W. J. F.) Genealogische Kwartierstaten van Nederlandsche Katholieken uit vroeger en later tijd samengesteld door W. J. F. Juten. Ser. 1. *Bergen-op-Zoom: Gebroeders Juten* [1907]. ob. 4°.

Kaindl (Raimund Friedrich). Geschichte der Deutschen in den Karpathenländern. . . Bd. 1. *Gotha: F. A. Perthes Aktiengesellschaft*, 1907. 8°. (Deutsche Landesgeschichten... [Bd.] 81.)

Bd. 1. Geschichte der Deutschen in Galizien bis 1772.

Kingston (Alfred). A history of Royston, Hertfordshire, with biographical notes of Royston worthies, portraits, plans and illustrations. *London: E. Stock*, 1906. 5 p.l., 264 p., 7 pl., 2 port. 8°.

Knyvett (*Sir* Henry). The defence of the realme...1596. Now for the first time printed, from a MS. in the Chetham library, Manchester. With an introduction by Charles Hughes. [*Oxford:*] *Clarendon Press*, 1906. xxxvi, 1 l., 75 (1) p. 8°. (Tudor and Stuart Library.)

Kortz (Paul). Wien am Anfang des xx. Jahrhunderts. Ein Führer in technischer und künstlerischer Richtung. Hrsg. vom Osterreichischen Ingenieur- und Architekten-Verein. *Wien: Gerlach & Wiedling*, 1905–06. 2 v. 4°.

Bd. 1. Charakteristik der Stadt, Ingenieurbauten.
2. Hochbauten, Architektur und Plastik.

Lacombe (Etienne-Charles Mercier de). Journal politique de Charles de Lacombe, député à l'Assemblée Nationale. Publié pour la Société d'Histoire Contemporaine par A. Hélot. Tome 1. *Paris: A. Picard & Fils*, 1907. 8°.

Lenotre (G.) Mémoires et souvenirs sur la Révolution et l'Empire. Publiés avec des documents inédits par G. Lenotre. *Paris: Perrin & Cie.*, 1907. 3 p.l. (1)4–340 p., 2 l., 6 pl., 1 port. 12°.

Leroy (Marc). *La question macédonienne. Étude d'histoire diplomatique et de droit international. *Paris: Imprimerie Henri Jouve*, 1905. 214 p. 8°. (Université de Paris. Faculté de droit.)

Lincolnshire pedigrees. [Compiled by Arthur Staunton Larken.] Edited by the Rev. Canon A. R. Maddison. *London: [The Harleian Society,]* 1902–06. 4 v. 4°. (Harleian Society, Publications. v. 50–52, 55.)

Lorenzo (Giuseppe de). Venosa e la regione del Vulture. (La terra d'Orazio.) Con 120 illustrazioni. *Bergamo: Istituto Italiano d'Arti Grafiche,* 1906. 116 p., 1 pl. 4°. (Collezione di monografie illustrate. Ser. 1. Italia artistica. No. 24.)

Mach (Richard von). The Bulgarian Exarchate; its history and the extent of its authority in Turkey. From the German of R. von Mach. *London: T. F. Unwin,* 1907. 105 p., 1 plan. 8°.

Mackenzie (W. C.) A short history of the Scottish highlands and isles. *Paisley: A. Gardner,* 1906. 2 p.l., 389 p., 1 map, 11 pl., 7 port. 12°.

Malaguzzi Valeri (Francesco). Milano. Pt. 1. *Bergamo: Istituto Italiano d'Arti Grafiche.* 1906. illus. 4°. (Collezione di monografie illustrate. Serie 1. Italia artistica. No. 25.)

Martin (Rudolf). The future of Russia. Translated from the German by Hulda Friederichs. *London: Smith, Elder & Co.,* 1906. xx, 305 p. 8°.

Mathei de Valfons (Charles de), *Marquis.* Mémoires sur le XVIIIe siècle. Souvenirs du Marquis de Valfons, vicomte de Sebourg...1710–1786. Publiés par son petit-neveu le Marquis de Valfons...précédés d'une notice par Georges Maurin. *Paris: Émile-Paul* [1906?]. xxxi, 468 p., 1 port. 8°.

Mayerhoffer von Vedropolje (Eberhard). Krieg 1809. Nach den Feldakten und anderer authentischen Quellen bearbeitet in der kriegsgeschichtlichen Abteilung des k. und k. Kriegsarchivs von E. Mayerhoffer von Vedropolje...mit einer politischen Vorgeschichte des Krieges von Oskar Criste. Bd. 1. *Wien: L. W. Seidel & Sohn,* 1907. 8°. (Geschichte des Kämpfe Österreichs. Kriege unter der Regierung des Kaisers Franz.)

Montague (Francis Charles). The history of England, from the accession of James I. to the Restoration (1603–1660). *London: Longmans, Green & Co.,* 1907. xix, 514 p., 3 maps. 8°. (Political history of England. v. 7.)

O'Brien (Richard Barry). A hundred years of Irish history. *London: Isbister & Co., Ltd.* [1902] 172 p. 12°.

Pares (Bernard). Russia and reform. *London: A. Constable & Co.,* 1907. xiv, 1 l., 576 p. 8°.

Pashitnow (K. A.) Die Lage der arbeitenden Klasse in Russland. Eine historische Darstellung von 1861 bis in die heutige Zeit. Übersetzung von M. Nachimson. Mit einem Anhang von M. Nachimson. *Stuttgart: J. H. W. Dietz,* 1907. iv, 2 l., 303 p. 12°.

Petre (F. Loraine). Napoleon's conquest of Prussia, 1806. With an introduction by Field Marshal Earl Roberts. *London: John Lane, The Bodley Head,* 1907. xxiii, 319 p., 2 maps, 5 plans, 4 pl., 12 port. 8°.

Picard (Ernest). 1870. La perte de l'Alsace. Avec deux cartes. *Paris: Plon-Nourrit & Cie.,* 1907. 2 p.l., iv, 376 p. 12°.

Powell (*Rev.* Arthur Herbert). The ancient Borough of Bridgwater in the County of Somerset. *Bridgwater: Page & Son,* 1907. 4 p.l., 311 (1) p., 1 map, 9 pl. 8°.

Ragg (Lonsdale). Dante and his Italy. With thirty-two illustrations. *London: Methuen & Co.* [1907.] xxii, 380 p., 21 pl., 11 port. 8°.

Romanes (Ethel). The story of Port Royal. *London: J. Murray,* 1907. xxii, 504 p., 1 plan, 7 pl., 5 port., 1 tab. 8°.

Rowe (J[oshua] Brooking). A history of the Borough of Plympton Erle, the Castle and Manor of Plympton, and of the ecclesiastical Parish of Plympton St. Thomas, otherwise Plympton St. Maurice, in the County of Devon. *Exeter: J. G. Commin,* 1906. viii, 2 l., 419 p., 3 fac-sim., 1 plan, 19 pl., 3 port. 8°.

Rumpelt (Alexander). Sicilien und die Sicilianer. Neue Folge. *Radeberg: Theodor Pfeil,* 1907. 3 p.l., 339 p. 8°.

Sandys (Arthur). Annals of de Normandie as preserved in documents, notes, private papers, public records, genealogies, the writings of old authors, and the registers of the city of Geneva. *Cambridge [Mass.]: the Riverside Press,* 1901. 4 p.l., 308 p., 1 pl. 8°.

Schuh (van). Die Stadt Nürnberg im Jubiläumsjahre 1906. *Nürnberg: G. P. J. Bieling-Dietz,* 1906. xvi, 647 p., 28 pl. 4°.

Steindl (Emerich). A Magyar Orszaghaz Steindl Imre alkotasa. A magyar kiralyi kormany megbizasabol es Steinhausz Laszlo, Heidrich Laszlo, Bayer Bela, Lazar Imre, es Santho Istvan közremüködese vel irta es szerkesztette Pilise Ney Bele. *Budapest: Divald Karoly* [1907]. 3 p.l., 46 p., 7 plans. 66 pl. f°.

Title and text also in German and French.

Stirling (Amelia Hutchison). A sketch of Scottish industrial and social history in the 18th and 19th centuries. *London: Blackie & Son, Ltd.,* 1906. ix, 225 p., 8 port. 8°.

Studies in Irish history 1603–1609, being a course of lectures delivered before the Irish Literary Society of London. Edited by R. Barry O'Brien. Series 2. *Dublin: Browne & Nolan, Ltd.,* 1906. 3 p.l., 3–323 (1) p. 12°.

Suffolk, *Eng.* Suffolk in 1327. Being a subsidy return. *Woodbridge: G. Booth,* 1906. xxxii, 310 p., 1 l. sq. 8°. (Suffolk green books. No. 9, v. 2.)

Taylor (Henry). The ancient crosses and holy wells of Lancashire. With notes on the Pre-Reformation churches, monastic institutions and superstitions of the county palatine. *Manchester: Sherratt & Hughes,* 1906. xxiii, 516 p., 7 maps, 11 plans, 39 pl. 4°.

Topliff (Samuel). Topliff's travels. Letters from abroad in the years 1828 and 1829. From the original manuscript owned by the Boston Athenæum. Edited, with a memoir and notes, by Ethel Stanwood Bolton. [*Boston:*] *The Boston Athenæum,* 1906. 5 p.l., 3–245 (1) p., 3 fac-sim., 2 maps, 4 pl., 1 port. 8°.

Tucker (Thomas George). Life in ancient Athens. The social and public life of a classical Athenian from day to day. *London: Macmillan & Co., Ltd.,* 1907. xiii, 212 p., 1 plan. 12°. (Handbooks of archæology and antiquities.)

PRINCIPAL DONORS IN JUNE.

	VOLS.	PMS.
Argentine Rep., U.S. Consul-General	2	
Armstrong, Dr. S. T.	2	1
Audit Company of New York	1	
Australia, Bur. of Census & Statistics		4
Belgium, Commission de la Belgica	1	3
Bigelow, Hon. John	1	
Brest, France, The Mayor	1	1
Cadwalader, Hon. John L.	8	
Cape of Good Hope, Colonial Sec.		4
Carnegie, Andrew		2
Carnegie Inst. of Washington	4	5
Central & S. Amer. Telegraph Co.	17	45
Colonial Dames of America, Penn. Soc.	1	
Cornell Cosmopolitan Club	1	
Cuba, Secretario de Hacienda	1	5
Dean, Miss E.	2	3
Draper, Mrs. Henry	3	13
Firenze, Comune di, Il Sindaco	13	2
Flügel, Prof. Ewald	1	
Foreign Missions Library	133	198
France, Préfet de la Seine	2	
Freidman, H. G.	13	16
French, Mrs. E. D.	85	320
Freudenthal, H., Supreme Sec. of U. A. O. of Druids	23	101
Great Britain, Patent Office	18	
Green, Dr. S. A.	3	35
Hardware Club of New York	1	
Heller, Prof. Otto	1	20
Hengelo, Netherlands, Kamer van Koophandel	4	
Hosp. Book and News. Soc.	42	134
Hosp. Saturday and Sunday Assoc. of Brooklyn		16
Iceland. Reykjavik Almenna Mentaskola	1	16
Illinois State Historical Lib.	1	
Imperial Soc. of Lovers of the Ancient Written Language	4	18
India Office	14	
Instituto do Ceará	1	
International Typographical Union	4	
Kongl. Vitterhets Historie och Antiquitets Akad.	2	
Kyoto Imperial University	1	
Labour Co-Partnership Assoc.		10
Laconia Public Library	3	1
Leeds Inst. of Science, Art and Lit.	1	6
London County Council	2	
Louisiana State Crop Pest Comm.		7
Mall, Prof. Franklin P.		2
Masten, Arthur H.	1	
Mauritius, Colonial Sec.	3	
Methodist Library	9	73
Modena, Italy. Cassa di Risparinio	3	1
Montana	7	16
Nat. Board of Steam Navigation	1	6
New York City, B'd of Rapid Transit R. R. Comm.	6	
New York City Comptroller	4	
New York City, Dept. of Health	4	1
New York City, Dept. of Water Supply, Gas, etc.	4	
New York City, Police Dept.		40
Noyes, Isaac P.		9
O'Hara, John M.	1	
Olszewski, A.	2	2
Panconcelli-Calzia, Dr. G.		9
Quebec, Province of.—Legislative Assembly	55	
Rodway, James		2
Russia, Min. of Public Instruction	123	
Schuyler, The Misses (5,000 mss.)		
Schuyler, Mrs. Philip	15	17
Scientific American	52	288
Siena, Italy, Il Signor Prefetto	5	
Snyder, Carl	1	
Societá Umanitaria		2
Soc. of Colonial Daughters of the 17th Cent.	1	
Soc. Marie pour le Bien des Aveugles en Russie.	82	9
Stone, Wilbur (47 bookplates)		
Surrey County Council, Eng.	1	4
U. S. Interior Dept.	5	10
U. S. Supt. of Documents	56	227
Univ.-Bibliotheket i Christiana		3
Vilanova, Prof. Ranieri	58	66
Warwick County, Eng., The Clerk	1	5
Westminster College	1	
Wien, Der Magistrat		13

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

LIBRARY
UNIVERSITY OF TORONTO

AUGUST 1907

VOLUME XI · NUMBER 8

REPORT FOR JULY 355–358
LIST OF WORKS RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, ETC. PART III. 359–398
PRINCIPAL ACCESSIONS IN JULY 399–403
PRINCIPAL DONORS IN JULY 404

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. AUGUST, 1907. No. 8.

REPORT FOR JULY.

REFERENCE DEPARTMENT.

During the month of July there were received at the Library, by purchase, 901 volumes and 513 pamphlets; by gift, 3,169 volumes and 1,592 pamphlets; and by exchange, 14 volumes and 2,440 pamphlets, making a total of 4,084 volumes and 4,545 pamphlets.

There were catalogued 2,038 volumes and 1,691 pamphlets; the number of cards written was 5,458, and of slips for the copying machine 1,424; from the latter were received 9,500 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	LENOX.	ASTOR.			TOTAL.
		Day.	Evening.	Total.	
No. of readers and visitors	4,800	9,224	1,198	10,422	15,222
No. of readers	1,469	9,224	1,198	10,422	11,891
No. of readers, desk applicants	969	9,605	1,228	10,833	11,802
No. of volumes consulted by desk applicants	6,616	43,993	3,728	47,721	54,337
Daily average of readers	55	355	46	401	456
No. of visitors to Print Exhibition, etc.	1,790				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Benson's "From a College Window," Hall's "Three Acres and Liberty"; (adult fiction): Thurston's "Mystics," Nicholson's "Port of Missing Men," De Morgan's "Joseph Vance"; (juvenile fiction): Barbour's "Crimson Sweater," Wiggin's 'Rebecca of Sunnybrook Farm," Alcott's "Little Women."

CIRCULATION STATISTICS FOR JULY.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	7,222	758	106	1,503	1,503	933
East Broadway, 197	14,630	20	299			293
Rivington Street, 61	14,342	3,954	323	11,848	14,901	468
Le Roy Street, 66	5,795	1,221	69	1,377	2,302	76
Bond Street, 49	6,731	452	113	1,883	2,598	205
8th Street. 135 Second Avenue	13,737	636	186	2,257	2,846	336
10th Street, 331 East	13,325	1,385	247	2,851	3,020	350
13th Street, 251 West	6,867	1,133	97	1,374	2,035	195
23d Street, 228 East						
23d Street, 209 West	9,335	3,873	174			61
34th Street, 215 East	5,630	1,557	75			128
40th Street, 501 West	2,954		40			70
42d Street, 226 West	8,122	497	121			930
50th Street, 123 East	4,307	1,058	59	284	1,058	129
51st Street, 463 West	3,697	118	56	185	319	46
58th Street, 121 East	10,103	804	229	1,526	1,526	158
67th Street, 328 East	8,161	523	98	358	910	168
69th Street. 190 Amsterdam Avenue	8,317	512	107	2,324	3,119	221
Travelling Libraries	81,593					374
77th Street. 1465 Avenue A	9,116	172	155	632	1,970	460
79th Street, 222 East	16,662	1,570	170	2,049	3,088	118
81st Street. 444 Amsterdam Avenue	11,368	1,085	147	1,342	1,958	107
Blind Library	1,015		14			149
96th Street, 112 East	15,931	925	239	764	1,075	480
100th Street, 206 West	13,353	4,564	187	2,182	2,452	315
110th Street, 174 East	13,993	3,792	242	1,387	3,521	648
123d Street, 32 West	7,351	82	238	973	1,041	325
125th Street, 224 East	8,240	706	150	500	608	167
135th Street, 103 West	14,794	817	206	1,545	2,445	68
145th Street, 503 West	12,078	1,766	256	1,225	2,556	346
156th Street. 922 St. Nicholas Avenue	6,916	1,520	151			384
BRONX.						
140th Street and Alexander Avenue	16,205	533	277	1,530	3,544	260
176th Street and Washington Avenue	16,392	168	333	733	1,460	212
Kingsbridge Avenue, 3041	2,139	1,697	33			74
RICHMOND.						
St. George	5,234	1,724	838	668	1,078	637
Port Richmond	5,189	311	46	513	513	188
Stapleton	6,345	1,614	524	147	275	143
Tottenville	2,253	615	45			93
TOTALS	409,442	42,162	6,650	43,960	63,721	10,315

Gifts of the month worthy of mention came from the following: "American Monthly Review of Reviews," 2,000 volumes of recent periodicals and journals; from Thomas F. Bayard, "Remarks in the Senate of the United States, January 31, 1855, vindicating the late James A. Bayard of Delaware, and refuting the groundless charges contained in the 'Anas' of Thomas Jefferson aspersing his character," Wilmington, 1907; from the Ministère de l'Intérieur et de l'Instruction Publique, Belgium, 4 volumes and 2 pamphlets, official publications of Belgium; from Mme. Jules Breton, a copy of "Jeanne, poème par Jules Breton," Paris, 1880; from Mrs. Elizabeth Stow Brown, a copy of her "History of Nutley, N. J.," Nutley, 1907; from Isaac H. Cary, 2 copies of "The Cary Family in America," by Henry Grosvenor Cary, Boston, 1907; from the Chicago, Rock Island and Pacific Railway Company, 54 volumes and 387 pamphlets, a miscellaneous collection of Railroad reports, documents, etc.; from Mr. and Mrs. S. V. V. Huntington, 23 volumes, being Year Books of the Holland Society, the Society of Sons of the Revolution, Annual Register of officers and members of the Society of Colonial Wars, 1894–1896, etc.; from Franklin Kirkbride, a copy of the second edition of "On the construction, organization and general arrangement of hospitals for the insane," by Thomas S. Kirkbride, Philadelphia, 1880; from the Koninklijk Nederlandsch Meteorologisch Instituut, De Bilt, Netherlands, 110 volumes and 50 pamphlets, a file of its publications; from Mrs. Henry C. Payne a copy of "Henry Clay Payne, a life," Milwaukee, 1907; from David McN. Stauffer, a copy of his "American Engravers upon Copper and Steel," 2 volumes, published by the Grolier Club, 1907; from Rev. G. E. Strobridge, his "Biography of the Rev. Daniel Parish Kidder, D.D., LL.D., by his son-in-law, Rev. G. E. Strobridge, New York, 1894; from Henry C. Swords, "Trade and Trade Centers of History," by W. Hamilton Benham, New York, 1907; from J. Harvey Treat, a copy of his "Ancestry of Col. John Harvey, of Northwood, N. H., an officer of the line in the War of the Revolution," Boston, privately printed, 1907; and from Dr. Richard George Wiener, a miscellaneous collection of 195 volumes and 30 pamphlets.

At the Lenox Branch the exhibition of etchings, lithographs and other prints by contemporary German artists remained on view. At the Astor the exhibition of plates from H. S. Williams' "History of the Art of Writing" was continued, and a collection of original etchings by American artists was put on view.

For the circulation branches new exhibitions were arranged as follows: Chatham Square, Masterpieces of art at the Paris Exposition of 1900; Rivington Street, Racinet's Costume, after the XVIth century; Hudson Park, Color plates of birds; Tompkins Square, Works by Rembrandt; Muhlenberg, Reproductions of paintings by modern artists; 67th Street, Photographic views in the Island of Luzon; Riverside, Hollyer's Etchings of New York City; Webster, Plates from the Wilkie Gallery; St. Agnes, Presidents of the United States; 96th Street, Color plates of animals; 110th Street, Racinet's Costume, to the XVIth century; 125th Street, Reproductions of paintings by old masters; 135th Street, Color plates from Audsley's "Ornamental arts of Japan"; 145th Street, Reproductions of paintings in the Dresden Gallery; Mott Haven, Plates from Molinier's "Royal Interiors"; Tremont, Exhibition of architecture, sculpture, and views.

Picture bulletins and temporary collections of books on special shelves at the

circulation branches were as follows: Rivington Street, Seaside and wayside; Hudson Park, Apoteosi di Garibaldi, Dogs, Samuel L. Clemens, Birds; Ottendorfer, Short stories; Tompkins Square, Independence Day, According to Grandma; Jackson Square, New books; 67th Street, Camping, Holland, Books on photography, In the country, Outdoor sports, Summer-time; Riverside, Country homes, Sports, Summer, New books; Webster, Cotton, Mexico; Yorkville, Outdoor sports for boys; St. Agnes, Hunting, Fourth of July, Short cruises; 96th Street, Out of doors in July; Bloomingdale, Shells, corals and sea moss, Panama Canal; 125th Street, Country guides, European guides, Summer reading, Books about the sea, Camping; 135th Street, Founding of Jamestown, School stories; Hamilton Grange, Birds, Butterflies, Flowers; Mott Haven, Charles Dickens, Sports, Tennyson; Tremont, Sir Galahad, Cooking, Books for vacation reading; St. George, Giuseppe Garibaldi; Port Richmond, Automobiles, Out of doors; Stapleton, School stories, Poem "July"; Tottenville, England's story.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, NAVIGATION AND SEAMANSHIP, SHIPBUILDING, ETC.

PART III.

SHIPBUILDING.

Various Types of Ships and Boats.

Boats.

See Canoes and small boats; Electric boats; Gliding boats; Motor boats and launches; Roller boats.

Cable Ships.

Cable gear for a new Japanese cable ship. (Electrician. v. 56, pp. 916–917. *London*, 1906.)

Cable laying (A) plough. (Engineer. v. 93, p. 439. *London*, 1902.)

Cable-laying (The) steamer "Von Podbielski." Built by Messrs. David J. Dunlop, and Co., Port Glasgow, N. B. (Engineering. v. 69, pp. 829–830. *London*, 1900.)

Cable-ships (The) "Restorer" and "Patrol." (Electrician. v. 50, pp. 757–761; 800–803. *London*, 1903.)

Gouvernements (Het) Kabelschip "Telegraaf." 1 map, 2 pl. (Marineblad. Jaarg. 20 (1905–06), pp. 460–468. *Helder*, 1905.)

H. (H.) Le "Stephan," navire poseur de cables. 1 pl. (Génie civil. v. 44, pp. 197–199. *Paris*, 1904.)

Hildebrandt (Hermann). Der Doppelschrauben-Kabeldampfer "Stepban" erbaut von der Stettiner Maschinenbau-A-G. "Vulcan" in Stettin-Bredow. 2 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 47, pp. 1581–1586. *Berlin*, 1903.)

Kabelflotte (Die) der Welt. (Archiv. f. Post u. Telegraphie. 1906, pp. 310–313. *Berlin*, 1906.)

Schuette (Joh.) Der erste deutsche Kabeldampfer "von Podbielski." (Ztschr. d. Vereines deutsch. Ingenieure. v. 44, pp. 733–737. *Berlin*, 1900.)

Seekabel (Die) im Weltverkehr und der deutsche Kabeldampfer "von Podbielski." 1 plan. (Stahl u. Eisen. Jahrg. 20, pp. 215–222. *Düsseldorf*, 1900.)

"Von Podbielski" (Le) navire poseur de cables. (Génie civil. v. 36, pp. 422–423. *Paris*, 1900.)

Canoes and Small boats.

Adney (Tappan). The building of a birch canoe. (Outing. v. 36, pp. 185–189. *New York*, 1900.)

Baden-Powell (Warington). Canoe travelling; log of a cruise on the Baltic, and practical hints on building and fitting canoes. *London*, 1871. pl. il. map. 8°.

Building model boats, including sailing and steam vessels. With numerous engravings and diagrams. Edited by P. N. Hasluck. *London: Cassell & Co.*, 1899. 160 p. 12°. (Hasluck's "Work" handbooks.)

Chydenius (Anders). Åmericanska näfwerbåtar. *Åbo*, 1753. 2 p.l., 6 p., 1 pl. 4°.

Ernst (W. E.) Mittheilungen über den Bau kleiner Segelboote für Binnenseen. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 849–856. *Wien*, 1902.)

[**Jacquin** (J.)] Manuel universel et raisonné du canotier. Ouvrage...renfermat des recherches historiques sur l'origine et le développement du canotage. Par Un loup d'eau douce. *Paris: Bauvin & Fontaine*, 1845. 2 p.l., ii, 202 p., 1 l., 4 pl. 12°.

Kemp (Dixon). Manual of yacht and boat sailing. Edited by B. Heckstall-Smith. [Text and plates.] *London: "Field" Office*, 1904. 10. ed. 2 v. 4°.

Kraemer (Augustin). Der Haus- und Bootbau auf den Marshallinseln. (Ralik-Ratak-Inseln.) Illus. 2 plates, plans. (Archiv. f. Anthrop. v. 31, pp. 295–309. *Braunschweig*, 1905.)

MacGregor (John). The Rob Roy on the Baltic. *Boston*, 1867. 2. ed. 12°.

—— The Rob Roy on the Jordan, Nile, Red Sea, and Gennesareth, etc. *New York*, 1870. illus., pl., maps. 8°.

—— A thousand miles in the Rob Roy on rivers and lakes of Europe. *London*, 1866. illus., pl. 12°.

Magalhaes (Luiz de). Os barcos da ria de Aveiro. 1 pl. (Portugalia. v. 2, pp. 49–62. *Porto*, 1905.)

Manuel du canotier. *Paris*, n. d. 12°.

Mas (F. B. de). Recherches expérimentales sur le matériel de la batellerie. *Paris: Imp. Nationale*, 1891–97. Fasc. 1–5. f°. (France. Routes, de la Navigation et des Mines, Direction des.)

Mason (Otis Tufton). Pointed bark canoes of the Kutenai and Amur. With notes on the Kutenai canoe by Meriden S. Hill. 6 illus. 5 plates. (U. S. National Museum. Annual report for 1899, pp. 523–537. *Washington*, 1901.)

—— Aboriginal American canoes. illus. (Outing. v. 44, pp. 695–713. *New York*, 1904.)

Mérel (E.) Forme normale de canot démontable. (La Nature. Année 33, sém. 1, p. 177. *Paris*, 1905.)

Reade (M. Treleaven). Some properties of flexible surfaces and flexible solids noted chiefly in designing "the shellbend folding boat." (Transac. Liverpool Engineering Soc. v. 20, pp. 189–201. *Liverpool*, 1899.)

Roberts (E.) Joints used in boat-building. (Work. v. 28, no. 803, p. 3; no. 805, p. 47. *London*, 1904.)

Schellong (O.) Einige Bemerkungen über die Fahrzeuge (Kanus) der Papuas von Kaiser

Canoes and Small Boats, cont'd.

Wilhelmsland (Neu-Guinea) und dem Bismarck-Archipel. Illus. (Internat. Archiv. f. Ethnog. v. 16, pp. 176–179. *Leiden*, 1904.)

Smyth (H[erbert] Warington). Mast and sail in Europe and Asia... *New York: E. P. Dutton & Co.*, 1906. xix, 448 p., 5 plans, 9 pl. illus. 8°.

—— Boats and boat building in the Malay Peninsula. (Discussion.) (Jour. Soc. Arts. v. 50, pp. 570–587. *London*, 1902.)

Smyth (Walter W.) Boats and boat-building in the Malay Peninsula. (With notes by W. W. Skeat.) 4 pl. (Indian Antiquary. v. 35, pp. 97–115. *Bombay*, 1906.)

Stansfeld-Hicks (C.) Yachts, boats, and canoes, with special chapters on model yachts and single-handed sailing... *New York: Forest & Stream Pub. Co.*, 1887. xii, 384 p., 4 pl., 20 plans. 8°.

Stephens (W. P.) Canoe and Boat-building: a... manual for amateurs... directions for the construction of canoes, rowing and sailing-boats, and hunting craft. 5. ed. *New York: Forest & Stream, Pub. Co.*, 1891. 2 v. v. 1, text, 263 p.; v. 2, 50 pl. 12°; ob. 12°.

Temple (R. C.) Some old Indo-European terms for boats. (Indian Antiquary. v. 30, pp. 160–162. *Bombay*, 1901.)

Thilenius ( ). Die Fahrzeuge der Samoaner. (Globus. v. 80, pp. 167–173. *Braunschweig*, 1901.)

Thomas (N. W.) Australian canoes and rafts. 3 pl. (Jour. Anthropol. Inst. of Gt. Brit. & Ireland. v. 35, pp. 56–79. *London*, 1905.)

Vaux (C. B.) Canoes and canoeing. Paddling, sailing, cruising and racing canoes, and their uses, with hints on rig and management, etc... 39 p., ill. *New York: Am. Sports Publ. Co.* [1894.] 16°. (Spalding's athletic library. no. 23.)

White (J. Dundas). Flying proas and double-boats. (Nautical Maga. v. 71, pp. 42–48. *London*, 1902.)

Whitney (Caspar). The boats from the far east. (Outing. v. 36, pp. 624–631. *New York*, 1900.)

Chain Boats.

Cole (Charles L.) Chain boats on the River Elbe. (Consular Rept. v. 70, pp. 61–66. *Washington*, 1902.)

Weiss (Eduard). Chain-steamer of the Royal Bavarian line upon the upper Main river, Germany. 1 pl. (Engineering News. v. 46, pp. 69–71. *New York*, 1901.)

Clipper Ships.

See Sailing Ships: Clipper Rigged.

Derelict Ships.

Allingham (Wm.) Derelict ships. (Nautical Maga. v. 68, pp. 598–610. *London*, 1899.)

Lodian (L.) Sea-borne coal. Some queer fates of coal-hulks. (Coal Trade Jour. v. 41, p. 281. *New York*, 1902.)

Distilling Ships.

White (W. W.) The distilling ship "Iris," for the United States fleet. (Cassier's Maga. *New York*, 1898. 8°. v. 15, pp. 75–83.)

Electric Boats.

See also Motor Boats and Launches.

Buettner (Max.) Elektrische Boote. (Zeitschr d. Vereins deutscher Ingenieure. v. 43, pp. 1456–1465. *Berlin*, 1899.)

Economical (An) and technical study of the mechanical traction of boats on rivers, canals and lakes. General report by E. Paladini. [Reports by R. Snyers, G. La Rivière, E. Kottgen, F. Thiele, B. H. Thwaite, H. Merczyng, St. J. Clarke, and L. Gérard. *Brussels: Pr. Off. of the Publ. Works*, 1905. 8 pmps. 8°. (10th Internat. Congress on Navigation. Sect. 1, com. 2.)

Gerard (Léon). Notes et expériences sur la traction électrique sur les voies navigables. Rapport. *Bruxelles: Imp. Vanbuggenhoudt*, 1900. 1 p.l., 30 p. 4°. (8th International Congress on navigation. ques. 4.)

Martin (T. C.), *and* **Sachs** (J.) Electrical boats and navigation. *New York*, 1894. 8°.

P. (G.) Sur la puissance nécessaire à la propulsion des bateaux electriques. (L'Eclairage Electrique. *Paris*, 1898. 4°. v. 16. pp. 509–513.)

Fishing boats.

Bénard (Charles). Le chalutage à vapeur et le dépeuplement des fonds sous-marins. (Rev. philomathique de Bordeaux. année 5, (1902.) pp. 145–165. *Bordeaux*, 1902.)

Canu (E.) Projet de bateau de pêche hauturière aménagé pour servir de modèle pratique dans les armements du nord et de l'ouest... *Paris: R. Chapelot & Cie.*, 1899 13 p., 1 l. 8°.

Engel (C.) Ein Hochsee Fischerei-Kutter für die Ostsee. (In: Abhandlungen des deutschen Seefischerei-Vereins. *Berlin*, 1897. f°. pp. 43–49. 1 pl.)

Flamm (Oswald). Entwurf eines Nordsee-Fischerei-Kutters. 2 pl. (Schiffbau. Jahrg. 6, pp. 281–286. *Berlin*, 1905.)

Janssen (Theodor). Die Verwendung von Hilfsmaschinen zur Fortbewegung der Segelfischerfahrzeuge. (In: Abhandlungen des deutschen Seefischerei-Vereins. *Berlin*, 1897. f°. pp. 51–98. 2 pl.)

Laas (W.) Entwurf eines Heringsloggers mit Hilfsmaschine. (In: Abhandlungen des deutschen Seefischerei-Vereins. *Berlin*, 1897. f°. pp. 1–26. 4 pl.)

Norwegian fishing steamer. (Marine Engineering. v. 9, pp. 51–55. *New York*, 1904.)

Stockhusen (C.) Entwurf eines Segelfahrzeuges mit Hilfsmaschine für die Hochsee-Fischerei. (In: Abhandlungen des deutschen Seefischerei-Vereins. *Berlin*, 1897. f°. Bd. 1. pp. 27–42. 2 pl.)

Swinburne ( ). The rig of fishing-boats on the east coast of Scotland, with suggestions for improving the same. *Edinburgh: W. Blackwood & Sons*, 1883. 2 p.l., 16 p., 10 pl. 8°.

Galleys.

Alhoy (M.) Les bagnes Rochefort. *Paris: Gagiard*, 1830. 2 p.l., iv, 324 p., 1 pl. 8°.

H. (J. A.) Frågor, hwarpå de böra swara, at den nya Galere-Inrättningen är nyttigare än den förra war; förr och til 1756 års slut. *n. t.-p.* [*Stockholm*, 1765.] sq. 8°.

Galleys, cont'd.

Howell (John). An essay on the war-galleys of the ancients. *Edinburgh: The author*, 1826. 2 p.l., 61 p., 11 pl. 8°.

Jurien de la Gravière (J. P. E.) Les derniers jours de la marine à rames. *Paris*, 1885. 16°.

Leyonsteen (G. W.) Odmiukt memorial [rörande Galere-Inrättningen]. *n. t.-p.* [*Stockholm*, 1765.] sq. 12°.

Marks (Alfred). Nero's great canal, with some remarks on Roman war galleys. (Transac. Roy. Soc. of Literature. v. 21, pp. 177–206. *London*, 1900.)

Massone (Giovanni Battista). La pena dei lavori forzati considerata nella sua applicazione pratica; ossia i bagni marittimi negli stati sardi... *Genova: G. Ferrando* [1851]. xxiii, 486 p., 2 tab., 1 pl. 8°.

Nicolaysen (N.) Langskibet fra Gokstad ved Sandefjord. *Kristiania*, 1882. f°.

Tersmeden (Carl). Swar uppå [A.] Ehrenswärds förklaring öfwer en af de 24 fågor, som äro utkomne om galare-inrättningen. *n. t.-p.* [*Stockholm*, 1765.] sq. 8°.

Zaccone (P.) Histoire des bagnes, depuis leur création jusqu'à nos jours. [*Clichy: P. Dupont*, 1877.] 2 v. in 1. 4°.

Gliding Boats.

Bellet (Daniel). Gliding boats. The navigation of the future. (Scientif. Amer. v. 93, pp. 283–284. *New York*, 1905.)

Luders (Alfred E.) A twelve-foot gliding boat. (Rudder. v. 18, pp. 553–558. *New York*, 1907.)

Menzl (Leon). A 20-foot gliding boat. (Motor Boat. v. 4, pp. 13–18. *New York*, 1907.)

Mower (Charles D.) Eighteen-foot hydroplane, Skidoo. (Rudder. v. 18, pp. 501–505. *New York*, 1907.)

Hydroplanes.

See Gliding boats.

Ice Breakers.

Balch (Edwin Swift). Ice breakers in polar exploration. (Jour. Franklin Inst. v. 149, pp. 141–143. *Philadelphia*, 1900.)

Eisbrecher (Der), Bergungs- und Lotsendampfer "Haidamak." 1 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 44, pp. 589–591. *Berlin*, 1900.)

Fyfe (Herbert C.) To the poles by ice-breaking steamer. (Strand Maga. v. 19, pp. 33–40. *London*, 1900.)

Goerz (M.), *and* M. Buchheister. Das Eisbrechwesen im deutschen Reich... *Berlin: A. Asher & Co.*, 1900. ix, 248 p., 2 charts, 7 maps, 37 pl. 4°.

Gulston (Arthur). Ice-breakers and their services. (Sci. Amer. Suppl. v. 59, pp. 24269–24272; 24298–24299. *New York*, 1905.)

—— Some notes on the Baltic and Arctic voyages of the "Ermack" in 1899. (Scottish geog. mag. v. 17, pp. 175–185. *Edinburgh*, 1901.)

—— —— (Jour. Manchester Geog. Soc. v. 17, pp. 165–180. *Manchester*, 1902.)

Hachebet (M.) Les navires brise-glace. (Génie civil. v. 36, pp. 257–259. *Paris*, 1900.)

Ice-breaking (The) steamer "Ermack." (Engineering. v. 67, pp. 410–413. *London*, 1899.)

Makaroff (Stepan Osipovich). Ueber die Befahrung der Meere hoher Breiten mit Hülfe von Eisbrechern. (Annalen d. Hydrographie u. maritimen Meteorologie. Jahrg. 27, pp. 201–217. *Berlin*, 1899.)

—— The "Yermak" ice-breaker. (Geog. Jour. v. 15, pp. 32–46. *London*, 1900.)

—— —— (Smithsonian Inst. Annual rpt. 1900. pp. 449–459. *Washington*, 1901.)

Nikto ( ). L'importance possible des Brise-Glaces dans les guerres navales de l'avenir. (Marine française. année 15, pp. 337–344. *Paris*, 1902.)

Runeberg (R.) Steamers for winter navigation and ice-breaking... *London: Inst. Civ. Eng.*, 1900. 24 pp., 1 pl. 8°.
Excerpt: Proc. Inst. Civ. Eng. v. 140, pt. 2.

Swan (H. F.) Ice-breakers. (Transac. Inst. of Naval Architects. v. 41, pp. 325–330. *London*, 1899.)

—— —— (Engineer. v. 88, p. 64. *London*, 1899.)

Walsh (George E.) Fighting the ice in river and lake. (Cassier's Maga. v. 16, pp. 115–121. *New York*, 1899.)

Wrangell (F.), *baron von.* Mitteilungen über den Eisbrecher "Jermak." (Gesellsch. f. Erdkunde. Verhandl. v. 26, pp. 397–403. *Berlin*, 1899.)

Ice Yachts.

Ashley (H. Percy). How to build an up-to-date ice yacht for $60. (Outing. v. 35, pp. 244–248. *New York*, 1899.)

How to make an ice yacht. (Work. v. 18, pp. 369–370. *London*, 1900.)

Willson (Beckles). Ice boats and ice boating. (Cassell's Maga. v. 31, pp. 81–86. *London*, 1901.)

Iron and Steel Ships.

See also the general works on Shipbuilding issued after the middle nineteenth century.

Aisbitt (M. W.) On some features of the repairs and construction of iron and steel ships. (Engineer's Gaz. *London*, 1898. f°. v. 12, pp. 269–270.)

The **"Arthur Sewall,"** an American ship entirely built of American steel. (Marine Engineering. v. 3, no. 5, pp. 2–6. *New York*, 1899.)

Atlantic Works, Boston. Wooden ships superseded by iron. Cheap iron indispensable for the revival of American commerce. A commercial marine essential to national progress and defence. *Boston: A. Mudge & Son*, 1869. 56 p., 5 pl. 8°.

Bruhn (J.) Some points in connection with the riveted attachments in ships. [Discussion and correspondence.] 3 pl., 1 table. (Transac. Inst. of Engineers and Shipbuilders in Scotland. v. 46, pp. 58–130. *Glasgow*, 1903.)

Claxton (Christopher). History and description of the steamship Great Britain... to which are added remarks on the comparative merits of iron

Iron and Steel Ships, cont'd.

and wood...for ship-building. *New York: J. S. Homans*, 1845. 28 p., 1 pl. il. 8°.

Denny (William). On the economical advantages of steel ship building. (In: Naval Professional Papers, no 14. pp. 35–53.)

Engineering Standards Committee.—*Sub-Committee on Tests for Steel and Iron Material used in the Construction of Ships and their Machinery.* British standard specifications for structural steel for shipbuilding...[With appendix.] [Second issue revised.] *London: C. Lockwood & Son*, 1905. 12 f. f°. (Engineering Standards Committee. Interim report, no 13.)

Fairbairn (*Sir* William). Treatise on iron ship building; its history and progress. *London*, 1865. il. pl. 8°.

Fairburn (William A.) Steel vs. wood as a material for sailing ships, with data of American ships in service. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 11–16.)

Gilchrist (A.) Early example of iron shipbuilding. *n. p.* [1865] 6–15 p., 3 pl. 12°.

Grantham (John). Iron as a material for shipbuilding; being a communication to the Polytechnic Society of Liverpool. *London: Simpkin, Marshall & Co.*, 1842. 1 p.l., 96 p., 1 l., 12 pl. 8°.

—— Iron ship-building, with practical illustrations. *London*, 1858. 12°.

Knight (R.) The practical boiler-maker, iron-shipbuilder, and mast-maker . . . also, template making in general ... *London* [1883]. 3. ed. 12°.

Lahure (M. E.) Considérations sur la construction et la propulsion des navires en fer. *Havre*, 1856. 8°.

Papers and discussions on iron ships. repr. fr. Trans. of Institution of Naval Architects. *Washington*, 1883. 176 p., 13 fold. pl. 8°. (Naval Scientific Papers, no. 10.)

Papers and discussions on steel for shipbuilding. repr. fr. Trans. of Institution of Naval Architects. *Washington*, 1883. 208 p., 6 fold. pl. 8°. (Naval Scientific Papers, no. 11.)

Pole (William). Iron as a material of construction; substance of a course of lectures at the Royal School of Naval Architecture. Revised and enlarged ... *London*, 1872. ill. 12°.

Reed (*Sir* Edward James). Shipbuilding in iron and steel ... *London*, 1869. ill. pl. 8°.

—— Our iron-clad ships; their qualities, performances, and cost. *London*, 1869. illus. pl. 8°.

Riley (James). The steel foundation of the ship-building industry. (Engineering Maga. *London*, 1898. 8°. v. 16, pp. 374–383.)

—— The steel foundation of the ship-building industry. (Engineering Maga. *New York*, 1898. 8°. v. 16, pp. 175–180.)

Schlick (Otto). Handbuch für den Eisenschiffbau. Lieferung 1–2. *Leipzig: A. Felix*, 1901. 2. ed. 8°.

—— —— Atlas. *Leipzig: A. Felix*, 1901. f°.

Smith (Thomas). The handbook for iron shipbuilding. *London: E. & F. N. Spoon*, 1869. viii, 62 p., 1 l. illus. 12°.

Steinhaus (C. F.) Der Eisen-Schiffbau mit besonderer Beziehung auf den Bau der Dampfschiffe. *Hamburg: W. Mauke Söhne*, 1867. viii, 214 p., 1 l., 18 pl. 4°.

Thearle (S. J. P.) The morbid anatomy of iron and steel ships. (Engineer. *London*, 1898. f°. v. 86, pp. 564, 603–604.)

United States.—*Naval Affairs, Committee on.* Report [of] sub committee ... on ... proposals of the International Steamship Company to establish an iron-ship-building yard on the waters of the Atlantic, and the proposal of the Western Iron-Boat-Building Company to establish one ... the Mississippi ... 1874. [*Washington*, 1874?] 22 p. 8°. (43. Cong., 1. sess. H. rpt., no. 345.)

—— *Navy Dept.* Letter from the Secretary of the Navy, communicating ... further information in relation to proposals for establishing iron-ship building yards and docks. 1872. [*Washington*, 1872?] 26 p. 8°. (43. Cong., 2. sess. S. Ex. doc., no. 50.)

Walton (Thomas). Steel ships: their construction and maintenance. A manual for shipbuilders ... *London: C. Griffin & Co.*, 1901. xiv, 290 p., 33 plan, 5 pl. 8°.

Launches.

See Motor boats and launches.

Lightships.

Adams (W. H. D.) Lighthouses and lightships; a descriptive and historical account of their mode of construction and organization. *London*, 1870. illus. 12°.

Coast signals. Lightships. Wireless telegraphy. General report by V. Pullino. [Reports by Ribière, W. Koerte, W. T. Douglass, and P. Leonardi-Cattolica.] *Brussels: Pr. Off. of the Publ. Works*, 1905. 8°. (International Congress on Navigation (X.) Sect. 2., Com. 6.)

Ribière ( ). Les feux flottants. Le Sandettié. 1 pl. (Annales d. ponts et chaussées. pt. 1. Mem. et doc. rel. à l'art d. constructions. 1902. sér. 8, v. 8. trimestre 4, pp. 5–47. *Paris*, 1902.)

United States.—*Light-House Board.* Specification for steel steam light vessels nos. 78, 79, 80, 81, and 83. [*Washington*, 1903.] 66 p. 4°.

Wigham (J. R.) Gas lights, oil lights, electric lights as lighthouse illuminants, with a few observations on lightships, lightbuoys and sound signals. *London*, 1895. 44 p. 8°. (Shipmasters' society, London. Course of papers, no. 38.)

Model Boats.

See Canoes and Small Boats.

Motor Boats and Launches.

Bochet (A.) Application des moteurs à pétrole à la navigation. 1 pl. (Mém. & compte rendu d. trav. Soc. d. ingén. civils de France. Bull. 1903, v. 2, pp. 877–888. *Paris*, 1903.)

Bullock (A) electric launch. (Marine Engineering. v. 6, pp. 15–19. *New York*, 1901.)

Butler (Edward). The design of a launch motor. (Mechanical Engineer. v. 14, pp. 440–444; 478–480. *London*, 1904.)

Motor Boats and Launches, cont'd.

Camurri (A.) Automobilismo nautico. (Rivista marittima. anno 38, pp. 321–337; 613–633. *Roma*, 1905.)

Canada Launch Works. Boat talk. *Toronto*, 1902. 4 l. 8°.

Crane (Clinton H.) High speed gasoline launches. [Discussion.] 4 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 321–325; 335–344. *New York*, 1904.)

Daimler Manufacturing Co. Marine department ... [Catalogue of yachts and launches.] *New York: the company*, cop. 1899. 56 p., 1 l. illus. ob. 12°.

Design of a cruising launch. (Marine Engineering. v. 9, pp 109–111. *New York*, 1904.)

Durand (W. F.) The construction of motor launches. (Marine Engineering. v. 8, pp. 85–90. *New York*, 1903.)

—— The design of motor launches. (Marine Engineering. v. 8, pp. 11–18. *New York*, 1903.)

—— Motor boats. (Marine Engineering. v. 10, pp. 278–280; 319–321; 385–388; 456–457; 490–494; v. 11, pp. 21–23. *New York*, 1905–06.)

—— The powering and propulsion of small boats. (Marine Engineering. v. 8, pp. 121–126. *New York*, 1903.)

Durand-Viel (G.) Moteurs à explosions et machines à vapeur appliqués à la navigation. 4 pl. (Rev. maritime. v. 168, pp. 62–104. *Paris*, 1906.)

Electric Launch Co. Launches and yachts ... [*Bayonne*, 1902.] 120 p. obl. 16°.

Forest (Fernand). Les bateaux automobiles. *Paris: H. Dunod et E. Pinat*, 1906. xiv, 703 p. illus. 8°.

Genard (H.) Nouveau bateau automoteur à pétrole. 1 pl. (Annales d. trav. pub. de Belgique. ser. 2, v. 5, pp. 719–724. *Bruxelles*, 1900.)

Grain (Francis Kneeland). Gas engines and launches. *New York*, 1903. (Forest and Stream. v. 62, passim. f°.)

Hope (Linton). The speed of motor boats and their rating for racing purposes. (Inst. of Naval Architects. Trans. v. 48, pp. 82–91. *London*, 1906.)

Jahrbuch der Automobil- und Motorboot-Industrie. Im Auftrage des Deutchen Automobilverbandes, hrsg. von E. Neuberg. Jahrg. 1–3. *Berlin*, 1904–1906. 8°.

Launches and their machinery. (Marine Engineer. v. 22, pp. 129–138. *London*, 1900.)

Legrand (Marc). Etude sur les canots automobiles en 1905–06. 3 pl. (Rev. maritime. v. 168, pp. 14–46; v. 172, pp. 5–42. *Paris*, 1906–7.)

Lozier (The) Motor Company. Lozier high-grade launches. [*Plattsburgh, N. Y.*, 1903?] 46 p. illus. ob. 16°.

McDermott (G. R.) Motor-boat propellors. (Sibley Jour. of Eng. v. 21, pp. 288–293. *Ithaca*, 1907.)

Motor-boat (The) and its future. (World's Work & Play. v. 5, pp. 271–282. *London*, 1905.)

Motor boat number. (Scientif. Amer. Feb. 23, 1907. *New York*, 1907.)

Motor boats at Monaco. (Engineer. v. 99. pp. 396; 422. *London*, 1905.)

Motor-boats at the Paris Automobile Show. (Engineering. v. 79, pp. 111–114. *London*, 1905.)

Motoring and boating. [Weekly.] v. 1–v. 3, no. 13 (April 1904–June 1905.) *New York*, 1904–'05. 4°.

Napier (The) motor-car and petrol-launch. (Engineering. v. 77, pp. 557–560. *London*, 1904.)

Neuberg (E.) *See* **Jahrbuch** der Automobil- und Motorboot-Industrie.

Newton (Parker). Motor boating. A new sport. (Munsey's Maga. v. 31, pp. 641–647. *New York*, 1904.)

Oil-motor boat for the Uganda Railway Company. (Engineering. v. 76, pp. 626–628. *London*, 1903.)

Pérard (J.) De l'emploi des moteurs à pétrole à bord des bateaux de pêche. (Mém. & compte rendu d. trav. Soc. d. ingén. civils de France. sér. 6, année 56, v. 1, pp. 468–485. *Paris*, 1903.)

Power Boat News. v. 1–v. 2, no. 33 (March 1905–Oct. 1906). *New York*, 1905–1906. f°.

In October 1906 merged with "Rudder."

Power (The) cruiser book: containing the designs and plans of twelve cabin power boats (reprinted from The Rudder). *New York: The Rudder Publishing Co.*, 1906. 48 p. f°.

Racing motor boat Standard. (Marine Engineering. v. 9, pp. 127–128. *New York*, 1904.)

Roberts (E. W.) Electric launches. (Home Study Maga. v. 3, pp. 394–396. *Scranton, Pa.*, 1898.)

Roberts (E. W.) On marine motors and motor launches. A handy book for yachtsmen. *New York: The Rudder Pub. Co.*, 1901. 2 p.l., (1) 8–109 p. illus. 16°. (Rudder on series.)

—— Motive powers for the modern launch. (Engineering Maga. v. 23, pp. 329–356. *New York*, 1902.)

Rosenthal (Hermann), *and others*. Neuere Schiffsmaschinen, Hilfsmaschinen und Apparate nebst den wichtigsten Klein-Schiffsmotoren und Dampfturbinen. Für Schule und Praxis, hrsg. von H. Rosenthal, M. Müller und R. Bayer. Atlas. *Berlin: K. W. Mecklenburg* [1906]. 1 v. sq. 4°.

Sea-going (The) motor-launch "Iris." Con-Constructed by Messrs. Dickson and Halliday, Southampton. (Engineering. v. 80, pp. 588–590. *London*, 1905.)

Smith (James A.) The design and construction of high speed motor boats. [With discussion.] 3 pl. (Inst. of Naval Architects. Trans. v. 48, pp. 92–104. *London*, 1906.)

—— High-speed motor-boats. (Engineering. v. 81, pp. 516–519. *London*, 1906.)

Tellier (A.), *fils*. Note sur les canots automobiles à grande vitesse. (Mem. et compte rendu d. trav. de la Soc. d. ingénieurs civils de France. Bull. ser. 6, 1904, v. 2 (année 57), pp. 483–500. *Paris*, 1904.)

Twenty-five horse-power gas launch. Engineer. v. 98, pp. 389. *London*, 1904.)

Repair Ships.

Aldrich (William S.) The work of the U. S. naval repair ship Vulcan, in maintaining the efficiency of admiral Sampson's fleet. (Stevens Inst. Indicator. v. 16, pp. 161–168. *Hoboken*, 1899.)

Bartlett (F. W.) The repair ship a military auxiliary to the naval fleet in peace and war. (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 1031–1082. *Washington*, 1902.)

Roller Boats.

Beckman (The) roller boat. (Scientif. Amer. *New York*, 1898. f°. v. 79, pp. 53.)

Construction and details of the Knapp roller boat. (Scientif. Amer. *New York*, 1898. f°. v. 79, pp. 232.)

Gallo (A. B.), *baron*. Bateau rouleur système ...Gallo. [*Paris*, 1896?] 15 p., 2 plans, 1 pl., 1 port. 8°.

Révolution destinée à changer la face du monde, proposée ouvertement par un agitateur. *Imprimé en mer, août* 1841. *Se vend à Paris chez Hautcœur*, 1841. 3 p.l., iii–5–31 p. 8°.

Sailing Ships.

See also Canoes and Small Boats; Yachts.

Arenhold (L.) Die allmähliche Entwickelung des Segelschiffes von der Römerzeit bis zur Zeit der Dampfer. (Jahrbuch d. Schiffbautechn. Gesellschaft. v. 7, pp. 621–673. *Berlin*, 1906.)

Dinklage (L. E.) Rasche Reisen deutscher Segler. 56 p. (Deut. Seewarte. Beiheft 1 zu d. Annalen d. Hydrographie u. Maritimen Meteorol. May, 1902. *Berlin*, 1902.)

Henderson (W. J.) The evolution of the sailing ship. (Munsey's Maga. v. 24, pp. 521–535. *New York*, 1901.)

Kaemmerer (W.) Das Fünfmast-Vollschiff "Preussen" erbaut von Joh. C. Tecklenborg A.-G., Schiffswerft und Maschinenfabrik in Bremerhaven-Geestemünde. (Ztschr. d. Vereines deutsch. Ingen. v. 48, pp. 1241–1246. *Berlin*, 1904.)

Leroy-Beaulieu (Paul). La disparition rapide de la marine marchande à voiles en Angleterre et en Allemagne. (Économiste français. Année 27, v. 2, pp. 365–367. *Paris*, 1899.)

Prager (M.) Die Fahrtgeschwindigkeit der Segelschiffe auf grossen Reisen. (Annalen d. Hydrographie. Jahrg. 33, pp. 1–17. *Berlin*, 1905.)

Strength (The) of spars and rigging of sailing vessels. (Engineer. v. 89, pp. 2–3; 30–31; 56–57. *London*, 1900.)

Varieties of sailing vessels and names of masts, spars, sails...&c., &c., also how to learn to box the mariner's compass. *London: Norie & Wilson* [1901?]. 22 p., 1 l. New ed. 8°.

Sailing Ships: Clipper Rigged.

Details of construction of the famous American clipper ship "Great Republic." (Marine Engineering. v. 6, pp. 320–324; 374–376. *New York*, 1901.)

Mather (Frank J.) A clipper ship and her commander. (Atlantic Monthly. v. 94, pp. 649–658. *Boston*, 1904.)

Sailing Ships: Schooner Rig.

Design for a seven-masted schooner. (Marine Engineering. v. 7, pp. 426–428. *Lancaster*, 1901.)

Development of the schooner. (Bradstreet's. v. 30, p. 511. *New York*, 1902.)

Hargan (James A.) Modern five masted schooner. (Marine Engineering. v. 7, pp. 168–172. *New York*, 1902.)

Jones (Henry P.) The seven-masted schooner —in general and in detail. 1 pl. (Engineering News. v. 48, pp. 374–377. *New York*, 1902.)

Kimball (D. S.) Description of the steam schooners engaged in the Pacific coast trade. (Marine Engineering. v. 6, pp. 231–237. *New York*, 1901.)

Morrison (John H.) Development of the schooner in American waters. (Nautical Gazette. v. 67, pp. 63–67. *New York*, 1904.)

Stählerner Dampfschooner. (Ztschr. d. Vereines deut. Ingenieure. v. 44, pp. 1435–1438. *Berlin*, 1900.)

Small Boats.

See Canoes and Small Boats.

Steam Boats and Steam Navigation.

History.

Account of the origin of steam-boats in Spain, Great Britain, and America, and of their introduction and employment upon the river Thames, between London and Gravesend, to the present time. *London*, 1831. pl. 8°.

Barnes (Joseph). Remarks on Mr. John Fitch's Reply. *See below under* Rumsey (James).

Barry (William J.) Port of Cork steamships from 1815 to 1894. 1 pl. (Jour. Cork Hist. & Archæol. Soc. ser. 2, v. 1, pp. 145–173. *Cork*, 1895.)

Claxton (Christopher). Logs of the first voyage, made with the unceasing aid of steam, between England and America, by the Great Western, of Bristol; also an appendix and remarks. *Bristol* [1838?]. 8°.

Cleland (J.) Historical account of the steam engine and its application in propelling vessels: with an account of the number and uses of the steam engines in Glasgow, and number of steam boats on the Clyde, in the years 1825 and 1829; population and statistical tables, births, marriages, and burials. *Glasgow: E. Kuhl & Son*, 1829. 1 p.l., 68 p., 1 l. 8°.

Dodd (George). An historical and explanatory dissertation on steam-engines and steam-packets, with the evidence...given...to the select committees of the House of Commons;...with a narrative by Isaac Weld, Esq., of the interesting voyage of the Thames steam yacht from Glasgow...to Dublin and London.. *London: J. Asperne*, 1818. 2 p.l., xxv, 1 l., 280 p., 3 pl. 8°.

Dow (Charles H.) Providence & Stonington Steamship Co. History of steam navigation between New York and Providence. Compiled by Chas. H. Dow...*New York: W. Turner & Co., pr.*, 1877. 29 p., 4 pl. 8°.

Early paddle-wheel steamships. (Engineer. v. 88, pp. 370 and 371; 394 and 396, 398; 422–423; 444–445. *London*, 1899.)

Steam Boats, History, cont'd.

Early history of steam navigation. (Rudder. v. 18, pp. 421–434, 543–545. *New York*, 1907.)
To be continued.

L'Egyptien. Notes from the log book of the L'Egyptien, iron steam yacht belonging to His Highness the Pacha of Egypt, on her voyage from Liverpool to Alexandria [July-August, 1837]. *n. p.* [1837?] 3 p. f°.
Lithographed.

Fitch (John). The Original steam-boat supported. *See below under* RUMSEY (James).

WESTCOTT (Thompson). Life of John Fitch, the inventor of the steam-boat. *Philadelphia: J. B. Lippincott & Co.*, 1857. 2 p.l., xxiv, 25–415 p. 12°.

Fry (H.) The history of North-Atlantic steam navigation, with some account of early ships and shipowners... *London: Sampson Low, Marston & Co.*, 1896. xiv, 324 p., 36 pl., 1 map. 12°.

Fulton (Robert).

COLDEN (Cadwallader). The life of Robert Fulton, by his friend Cadwallader D. Colden. Read before the Literary and Philosophical Society of New York; Comprising some account of the invention, progress, and establishment of steamboats; of improvements in the construction and navigation of canals, and other objects of public utility. With an appendix. *New York: Kirk & Mercien*, 1817. vi, 371 (1) p., port. 8°.

DUER (William Alexander). A letter, addressed to Cadwallader D. Colden, Esquire. In answer to the strictures contained in his "Life of Robert Fulton," upon the report of the select committee, to whom was referred a memorial relative to steam navigation, presented to the legislature of New-York, at the session of 1814. With an appendix, containing the several laws concerning steam boats; the petitions presented for their modification; and the reports of select committees thereupon, &c., &c., &c. *Albany: E. & E. Hosford*, 1817. 127 p. 8°.

COLDEN (C.) [A vindication, by Cadwallader D. Colden, of the steam-boat right granted by the State of New-York; in the form of an answer to the letter of Mr. Duer, addressed to Mr. Colden. *Albany: Webster & Skinner*, 1818.] 3–178 p. 8°.
Title-page missing.

—— —— *New York: W. A. Mercien*, 1819. 96 p. 8°.

DUER (W. A.) [A reply to Mr. Colden's Vindication of the steamboat monopoly, etc. *Albany: E. & E. Horsford*, 1879.] 7–184, xxiv p. 8°.
Title-page missing.

REIGART (J. Franklin). The life of Robert Fulton...accompanied with copies of Mr. Fulton's original drawings... *Philadelphia: C. G. Henderson & Co.*, 1856. xxvii, 297 p., 23 pl., port. 8°.

THURSTON (R. H.) Robert Fulton: his life and its results. *New York: Dodd, Mead & Co.* [cop. 1891] 2 p.l., 194 p., 1 port. 12°. (Makers of America.)

NEW YORK (State).—*Chancery Courts.* In chancery. Rob. R. Livingston and Rob. Fulton vs. James Van Ingen, Lansing and others. [Chancellor's decision.] [*Albany?* 1812?] 15 p. 8°.

EXAMINATION of the chancellor's opinion in the case of Rob. R. Livingston and Rob. Fulton vs. James Van Ingen, Lansing and others. [*Albany:*] *Albany Register*, 1812. 54 p. 8°.

The OPINIONS of the judges of the supreme court, delivered in the court of errors, in the cause of Robert R. Livingston and Robert Fulton vs. James Van Ingen, and twenty others. *Albany: S. Southwick*, 1812. 12, 12, 24 p. 8°.

IN ASSEMBLY, March 18., 1814. Memorial and petition of Robert Fulton and Edward P. Livingston, in behalf of themselves, and the heirs of the late Robert R. Livingston. [*Albany*, 1814?] 8°.

CAREY (Matthew). To the citizens of the United States. Robert Fulton. [Appeal for the collection of a fund for the benefit of F.'s children, signed Philo-Fulton, *i. e.* M. Carey. *Philadelphia*, 1828.] 2 p. 8°.

REPORT [favorable] of the select committee on petition for relief of the orphan children of Robert Fulton. Feb. 2, 1829. *n. t. p.* 6 p. 8°. (20. Cong., 2 sess. H. rpt. 64.)

REPORT [favorable of] the select committee to which was referred the petition of the orphan children of... Robert Fulton. Mar. 3, 1830. *n. t.-p.* 3 p. 8°. (21. Cong., 1. sess. H. rpt. 267.)

THOMPSON (Waddy). Speeches...on the bills for the relief of the heirs of Robert Fulton, and to remove the new treasury building. Delivered in the House of Representatives March 30 and April 17, 1838. *Washington: Gales & Seaton*, 1838. 8 p. 8°.

UNITED STATES.—*Navy Department.* Documents relating to the claim of the heirs of Robert Fulton. January 26, 1841. *n. t.-p. Washington: Blair & Rives, prtrs.* [1841.] 22 p. 8°. (26. Cong., 2 sess. S. doc. 193.)

REPORT [unfavorable of] the Committee of Claims on memorial, and sundry documents pertaining to the claim of the heirs of Robert Fulton, against the United States. Feb. 17, 1842. *n. t.-p.* 4 p. 8°. (27. Cong., 2 sess. S. doc. 127.)

REPORT [favorable] of Committee of Claims on petition of heirs of Robert Fulton... Apr. 12, 1842. *n. t.-p.* 40 p. 8°. (27. Cong., 2 sess. H. rpt. 588.)

AMERICAN Society of Mechanical Engineers. Trinity Church, New York. Form of service December 5th, 1901...on the occasion of the unveiling of a monument erected...by the Society to the memory of Robert Fulton. [*New York: A. Livingston*, 1901.] 4 l. 8°.

Steam Boats: History, cont'd.

ROBERT FULTON memorial. [Dedication ceremonies of monument.] 1 port. (Amer. Soc. Mechanic. Engineers. Transac. v. 24, pp. 1493–1538. *New York*, 1903.)

ROBERT FULTON memorial erected by the American Society of Mechanical Engineers. (Iron Age. v. 68, pp. 5–8. *New York*, 1901.)

Geschichte des Dampschiffswesens im Nord-Atlantischen Ozean. (Archiv f. Post u. Telegraphie. v. 27, pp. 461–471. *Berlin*, 1900.)

Goddard (Dwight). A short story of William Symington. *Worcester, Mass.: Wyman & Gordon*, 1904. 4 l., pl. 12°.

Graue (F.) Die Gründung der ersten deutsch-amerikanischen Postdampfschiffslinie. (Archiv f. Post u. Telegraphie. 1903, no. 5, pp. 129–141; concl. no. 6, pp. 169–183. *Berlin*, 1903.)

Haswell (Charles H.) Reminiscences of early marine steam engine construction and steam navigation in the United States of America, from 1807 to 1850. (Transac. Inst. of Naval Architects. v. 40, pp. 104–110; v. 41, pp. 89–92. *London*, 1898–99.)

—— —— (Marine Engineering. v. 4, pp. 6–9. *New York*, 1899.)

Jouffroy [d'Abbans] (A. F. É. de). Des bâteaux à vapeur. Prècis historique de leur invention, essai sur la théorie de leur mouvement et description d'un appareil palmipède applicable à tous les navires... Précédé des deux rapports de l'Académie des Sciences. *Paris: L. M. Augustin*, 1841. 2 p.l., xxvi, 1 l., 108 p., 1 pl., 1 table. 8°.

Ker (Robert). The pioneer Atlantic steamships, [The "Royal William," built in Canada in 1831, first crossed the Atlantic in 1833.] (Canadian Maga. v. 29, pp. 10–15. *Toronto*, 1907.)

Latrobe (John H. B.) A lost chapter in the history of the steamboat. *Baltimore: Maryland Historical Society*, 1871. 44 p. 8°. (Fund Publication, no. 5.)

—— The first steamboat voyage on the western waters. (Maryland Hist. Soc. Fund Pub., no. 6.) *Baltimore*, 1871. 8°.

Lindeman (M.) Der Norddeutsche Lloyd. Geschichte und Handbuch. *Bremen: C. Schünemann*, 1892. xxi, 1 l., 487 p., 6 l., 1 chart, 20 maps, 1 plan, 50 pl., 3 tab. 8°.

Lloyd (James T.) Lloyd's Steamboat directory ...containing the history of the first application of steam, as a motive power; the lives of John Fitch and Robert Fulton...being a valuable statistical work, as well as a guide-book for the... public. *Cincinnati, Ohio: J. T. Lloyd & Co.*, 1856. vi, 326 p. 8°.

MacFarlane (R.) History of propellers and steam navigation, with biographical sketches of the early inventors. *New York*, 1851. 12°.

Morrison (John H.) History of American steam navigation. *New York: W. F. Sametz & Co.*, 1903. 1 p.l., 630, vi p., 1 l. illus. 8°.

New steam boat. Proposals for raising, by subscription, 100,000 Dollars.. to build a Packet ...to be propelled by steam, and to run from New York to Charlestown. [*New York?* 1830?] 2 l., with 3 blank pages. f°.

Signed in manuscript by four subscribers.

Norway (Arthur H.) The old Falmouth packet service. (Roy. Cornwall Polytech. Soc. ann. rept. 63rd. pp. 65–94. *Falmouth*, 1895.)

Notable incidents in early ocean steam navigation. (Engineer. v. 89, pp. 270–273; 449–451; 555. *London*, 1900.)

Preble (G. H.) A chronological history and development of steam navigation. 1543–1882. *Philadelphia*, 1883. 8°.

Progrès (Les) de la navigation à vapeur. (Génie civil. v. 36, pp. 201–203. *Paris*, 1900.)

[**Records** of American inventions of steamboats.] (In: National cyclopedia of American biography, index vol., p. 638.)

[**Rogers** (Moses). First steamboat to cross the Atlantic, and an account of her voyage; in the biography of Moses Rogers.] (In: National cyclopedia of American biography, vol. IV, p. 88.)

Rumsey (James).

AN ACT for vesting in James Rumsey, Esquire, the exclusive right and privilege of making, using and vending divers engines, machines and devices, by him invented, or improved, for a term of years therein mentioned. (Documentary History of the State of New-York. *Albany*, 1850. v. 2. 4°, pp. 638–639. 8°, pp. 1099–1101.)

A SHORT TREATISE on the application of Steam, whereby is clearly shewn, from actual experiments, that Steam may be applied to propel Boats or Vessels of any burthen against rapid current with great velocity. Great Velocity [*sic*]. The same Principles are also introduced with effect by a Machine of a simple and chep [*sic*] Construction, for the Purpose of raising Water sufficient for the working of Grist-Mills, Saw-Mills, &c. And for Watering Meadows and Other Purposes of Agriculture. By James Rumsey, Of Berkeley County, Virginia. *Philadelphia, Printed by Joseph James: Chesnut-Street*, 1788. 26 p. 8°.

—— —— [Second issue.] *Philadelphia, Printed by Joseph James: Chesnut-Street*, 1788. 26 p. 8°.

"Great velocity" is not repeated; "cheap" is printed correctly.

—— —— —— (Reprinted in: Documentary History of the State of New York. *Albany*, 1850. 4°. v. 2, pp. 585–600. 8°. v. 2, pp. 1011–1035.)

—— —— Same, separate. 4° and 8°.

A PLAN wherein the power of steam is fully shewn, By a new constructed Machine, for propelling Boats or Vessels, of any burthen, against the most rapid streams or rivers, with great velocity. Also, a machine constructed on similar philosophical principles, by which water may be raised for Grist or Saw- Mills, watering of Meadows, &c., &c. By James Rumsey, of Berkeley County, Virginia. 20 p. 8°. (Reprinted in J. FITCH's Original steamboat supported. *Philadelphia*, 1788.)

Steam Boats: History, cont'd.

FITCH (John). The original steam-boat supported; or, A reply to Mr. James Rumsey's pamphlet, shewing the true priority of John Fitch, and the false datings, &c of James Rumsey, *Philadelphia: Zachariah Poulson, junr.*, 1788. 34, 20 p. 8°.

1st issue, with contemporary manuscript corrections in ink. The 20 pages at the end contain Fitch's reprint of Rumsey's Plan.

—— —— Same. *Philadelphia: Zachariah Poulson, junr.*, 1788. 34 p. 8°.

2d issue, partly reprinted, with corrections. The reprint of Rumsey's Plan is lacking.

—— —— Same. (Reprinted in: Documentary History of the State of New York. *Albany*, 1850. v. 2, 4 ed., pp. 60:-626, 8 ed., pp. 1040–1078.)

BARNES (Joseph). Remarks on Mr. John Fitch's reply to Mr. James Rumsey's pamphlet. *Philadelphia: Printed by J. James*, 1788. xvi, 16 p. 4°.

Schwarz Flemming ( ). Die Entwickelung der Dampfschiffahrt. (Verhandl. d. Vereins zur Beförderung d. Gewerbfleisses. pt. 2, Abhandl. v. 75, pp. 211–250; 322–338; v. 76, pp. 69–87; 185–209; 245–264; 295–307; v. 77, pp. 195–241. *Berlin*, 1896–1898.)

Stevens (F. B.) The first steam screw propeller boats to navigate the waters of any country. *New York: The Engineering Press* [1893]. 30 p., 1 pl. 8°.

Repr.: The Stevens Indicator, v. 10, 1893.

Watkins (J. Elfreth). The log of the Savannah. (In: U. S. National Museum, Report, 1890. pp. 611–639, 1 facsim., 4 pl., 2 port. *Washington*, 1891. 8°.)

White (*Sir* William H.) The progress in steam navigation. (Cassier's Maga. v. 17, pp. 48–64.) *New York*, 1899.)

—— —— (Jour. Roy United Service Inst. v. 44, pp. 18–40. *London*, 1900.)

—— —— (Smithsonian Inst. Annual rept. 1899, pp. 567–590. *Washington*, 1901.)

Whittemore (H.) Advance sheets of Origin and progress of steam navigation in America, containing an historical sketch of the shipbuilding operations of Isaac and William H. Webb, during a period of over half a century. Together with a description of Webb's academy and home for shipbuilders. *New York: The Original & Progressive Pub. Co.*, 1890. xvii, 9 l., 1 port. 4°.

—— Past and the present of steam navigation on Long Island Sound... [*New York*, 1893.] pm. 8°.

Woodcroft (Bennet). Sketch of the origin and progress of steam navigation. *London*, 1848. pl. 8°.

GENERAL WORKS.

Aldrich (Elisha F.) Construction and propulsion of steam vessels; for war purposes and ocean navigation. *New York*, 1847. pl. 8°.

American paddle-wheel steamers with beam engines. (Engineer. *London*, 1898. f°. v. 86, pp. 295–296; 341–345; 409–411; 435–436; 516–517; 557–559; v. 87, pp. 26–28; 48–50; 107–109; 154–155; 277–278.)

Anty (Pierre Bons d'). État actuel de la navigation à vapeur sur le haut Yang-tseu-Kiang. (La géog. année 1902, pp. 89–94. *Paris*, 1902.)

Armstrong (Robert). High speed steam navigation and steamship perfection... *London*, 1858. 8°.

Atherton (W. H.), *and* A. L. MELLANBY. The resistance and power of steamships. *Manchester: Technical Pub. Co.*, 1903. vi, 1 l., 200 p. 12°.

—— Modern steamship propulsion. (Practical Engineer. v. 25, pp. 152–153; 508–510; v. 27, pp. 52–55. *London*, 1902–'03.)

Baker (Ray Stannard). Building a German ocean greyhound. (McClure's Maga. v. 15, pp. 432–433. *New York*, 1900.)

Bellet (Daniel). Un nouveau progrès dans la navigation transatlantique. (L'économiste français. année 27, v. 2, pp. 888–890. *Paris*, 1899.)

Bellows (W.) The Ocean liners of the world; a collection of high-class illustrations... prepared from photographs of the principal ocean steamships... and accompanied with explanatory information. *London: Kegan Paul, Trench, Trübner & Co.*, cop. 1896. 14 l. 8°.

Biles (J. H.) Cross-channel steamers. [Discussion.] (Transac. Inst. of Naval Architects. v. 45, pp. 243–253. *London*, 1903.)

—— On large cargo steamers. (Transac. Inst. of Naval Architects. v. 42, pp. 59–68. *London*, 1900.)

—— —— (Engineering. v. 69, pp. 763–766. *London*, 1900.)

Blaisdell (A. H.) The western river steamboat. 4 pl. (Assoc. Engineering Soc. Jour. v. 37, pp. 117–136. *Boston*, 1906.)

Brooks (Benjamin). Below the water-line. (Scribner's Maga. v. 33, pp. 385–400. *New York*, 1903.)

Buchanan (Robertson). A practical treatise on propelling vessels by steam, &c... *Glasgow: The author*, 1816. x, 1 l., 188 p., 2 l., 17 pl. 8°.

Butcher (*Capt.* M. J.) Notes on detail of steamship construction. *London: Shipmasters' Soc.*, 1896. 40 p. 8°. (Shipmasters' Soc., London.—Course of papers, No. 47.)

Callaway (H.) Indian river-steamers. *London: Inst. Civ. Eng.*, 1894. 8 p., 1 pl. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 119, pt. 1.

Cathcart (William Ledyard). The powering of ships. 3 pl. (School of Mines Quar. v. 22, pp. 163–222. *New York*, 1901.)

Chadwick (French E.), *and others.* Ocean steamships: a popular account of their construction, development, management and appliances. *New York: C. Scribner's Sons*, 1891. 8°.

Chasseloup-Laubat (L. de). Les grands paquebots. (Bull. Soc. d'Encouragement pour l'Industrie Nationale. *Paris*, 1898. 4°. Ser. 5, v. 3, pp. 921–1059.)

Clippings from the California press in regard to steam across the Pacific, from March to November, 1860. *San Francisco: Towne & Bacon, prts.*, 1860. 104 p. 8°.

Steam Boats, cont'd.

Compagnie Général Transatlantique. Les nouveaux paquebots à grande vitesse de la C. G. T. pour la service postal du Havre à New York: La Champagne, La Bretagne, La Bourgogne, La Gascogne. *Paris* [1886]. 8°.

Cross-Channel (The) passenger steamship services. (Engineer. v. 91, pp. 318–319; 430; 566–567; 672–673; v. 92, pp. 114; 240–242; 345–347; 459; 524–526; 532; 599–600; 602; v. 93, pp. 180–182; 307–308; 380–382; 508–510; 599; v. 94, pp. 230–232; 272–274; 279; 285. *London*, 1900–'02.)

Demoulin (Maurice). Nouvelles machines marines, des bâtiments à grande vitesse, des torpilleurs & des embarcations à vapeur. [Text and Atlas.] *Paris: E. Bernard & Co.*, 1888. 2 v. 4°., 8°.

Denny (W.) On the speed and carrying of screw steamers: a paper read before the society on 20th Jan., 1882, in honor of the birthday of James Watt, (19th Jan.) *Greenock: W. Hutchinson*, 1882. 33, iii p., 11 diagr. & tables. 8°. (Papers of the Greenock Philosophical Society. no. 6.)

—— Speed and carrying of screw-steamer. (In: Naval Professional Papers, no. 15. pp. 63–86.)

De Rusett (Edwin William). Recent developments in cargo and intermediate steamers. [Discussion, etc.] 1 pl. (Inst. of Civil Engineers. Min. of Proc. v. 158, pp. 156–184. *London*, 1904.)

Description of a guard or fender, to protect steamboats against snags, planters, sawyers, etc. (In: Genet, E. C., Memorial, on the upward forces of fluids, 1825.) pl. *Albany*, 1825. 8°.

Doyère ( ). Essais d'un bateau de rivière á faible tirant d'eau muni d'un type nouveau de machine. 5 pl. (Mém. du génie maritime. sér. 3, no. 5, pp. 25–40. *Paris*, 1903.)

Dunn (James). On modern merchant steamers. (In: Naval Professional Papers, no. 15. pp. 29–51.)

Durand (W. F.) The resistance and propulsion of ships. *New York: J. Wiley & Sons*, 1898. lx, 1 l., 431 p. 1. ed. 8°.

—— Speed and power trials of ships. (Sibley Jour. of Engineering. v. 15, pp. 309–314. *Ithaca*, 1901.)

Eyncourt (E. Tennyson d'). *See* **Tennyson-d' Eyncourt** (E.)

Fawcett (Waldon). The increasing demand for light draught steamers. (Engineering Maga. v. 19, pp. 186–204. *New York*, 1900.)

Feeg (Otto). Die modernen Verkehrsmittel zu Wasser und zu Land. (Seedampfer, Eisenbahn, Fahrrad und Automobil.) (Frankfurter zeitgemässe Broschüren. v. 21, pp. 295–326. *Hamm i. W.*, 1902.)

Fleets (The) of the mail lines. (Marine Engineer. v. 21, pp. 342–346. *London*, 1899.)

Föttinger (Hermann). Effektive Maschinenleistung und effectives Drehmoment, und deren experimentelle Bestimmung (mit besonderer Berücksichtigung grosser Schiffsmaschinen). 1 pl. (Mitteil. u. Forschungsarbeiten. 1905, Heft 25, pp. 41–97. *Berlin*, 1905.)

—— —— (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 441–505. *Berlin*, 1903.)

Grindlay (R. M.) Steam communication with India. [A view of the present state of the question, by R. M. Grindlay, agent for the Steam Committees of Calcutta and Madras.] [*London*, 1837?] 8 p. f°.

Guédon (Pierre). Paquebots transatlantiques de très grande puissance, en service ou en construction. (Bull. tech. Soc. d. anciens élèves d. écoles nat. d'arts & métiers. 1900, pp. 236–251. *Paris*, 1900.)

Haldane (J. W. C.) Steamships and their machinery from first to last. *London*, 1893. pl. 8°.

Haughton (A. D.) Trial of the steel cargo steamship Winifred. (Jour. of the Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 982–995.)

Heidke (P.) Einfluss des Windes auf die Fahrt von Dampfern. 1 pl. (Annalen d. Hydrographie. Jahrg. 33, pp. 17–28. *Berlin*, 1905.)

Helmuth (W. T.) A steamer book: A picturesque account of . . . the daily life on a steamer . . . *New York: G. W. Carleton & Co.*, 1880. 1 l., v–ix, 11–142 p., 4 pl. 16°.

Herner (H.) Entwurf eines Erztransportdampfers nach dem Turretsystem. (Schiffbau. Jahrg. 7, pp. 287–290. *Berlin*, 1906.)

Hök (W.) Über Trunkdeck-Dampfer. [With discussion.] 5 pl. (Jahrb. d. Schiffbautechnischen Gesellsch. v, 5, pp. 220–235. *Berlin*, 1904.)

Howell (G. Foster). Howell's steam vessels and marine engines. Being descriptions and illustrations of some of the principal steamships, steamboats...built in the United States during the past five years...With a...chapter on sailing ships and schooner yachts. *New York: The American Shipbuilder*, 1896. 3 p. l., (1) 10–183 (1) p., 1 pl. illus. f°.

Hunter (G. R.) Increasing dimensions of freight steamships in transatlantic trade. (Marine Engineering. v. 4, pp. 145–150. *New York*, 1899.)

—— Large Atlantic cargo steamers. (Transac. Inst. Naval Architects. v. 41, pp. 347–353. *London*, 1899.)

—— (Engineers' Gaz. v. 13, pp. 196–197. *London*, 1899.)

Janvier ( ). Nouveau manuel complet du capitaine, du chauffeur, du constructeur de bâtiments et de machines à vapeur appliqués à la marine. *Paris*, 1846. 24°. (Manuels-Roret.)

—— Ueber die Construction und Einrichtung der Dampfschiffe ... frei uebertragen von C. H. Schmidt. *Weimar*, 1842. 2. ed. 12°. (Schauplatz, 98.)

Johnson (H. M. W. P.) Practical navigation with reference to the increased speed of steamers. *London*, 1891. 22 p., 1 l., 9 pl. 8°. (Shipmasters' society, London. Course of papers. no. 12.)

Joubert (E.) Exposé de quelques considérations relatives à l'utilisation et au rayon d'action des navires. Principales causes des progrès réalisés dans les machines marines au point de vue de la

Steam Boats, cont'd.

vitesse et de la consommation. (Bull. tech. de la Soc. d. anciens élèves. 1902, v. 2, pp. 1445–1517; 1903, v. 1, pp. 5–60. *Paris*, 1902–1903.)

Kirby (Frank E.) Trial of speed between the steamers City of Erie and Tashmoo. (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 1–12. *New York*, 1901.)

Koon (Sidney Graves). On the extreme cost of high speed. (Sibley Jour. of Mechanic. Engineering. v. 18, pp. 169–175. *Ithaca*, 1904.)

—— The size of steamships: its relation to speed and cargo-carrying capabilities. (Sibley Jour. of Mechanic. Engineering. v. 17, pp. 174–181. *Ithaca*, 1903.)

Lardner (Dionysius). Steam communication with India by the Red Sea, advocated; illustrated by plans of the route, and charts of the principal stations. *London*, 1837. 8°.

Leaves from a naval engineer's note book. Stern tubes, and propeller bracket bearings. (Practical Engineer. v. 29, pp. 388–391. *London*, 1904.)

Legrand (J.) La vitesse pratique à la mer. (Marine française. sér. 3, v. 15, pp. 289–295. *Paris*, 1902.)

Light-draught (A) steamer. (Engineering. v. 74, p. 254. *London*, 1902.)

Little (G. H.) Some remarks on the building and working of ships and steamers. *London*, 1893. 58 p., 7 pl. 8°. (Shipmaster's soc. London. Course of papers. no. 25.)

Lodian (L.) Steamers' speeds and coal requirements. (Coal Trade Jour. v. 39, p. 572. Sept. 19, 1900. *New York*, 1900.)

[**Loring** (Charles H.), *and* CHARLES E. EMERY.] Report of the trial of the steam machinery of the United States revenue steamer "Gallatin," at the United States navy yard, Boston...December and January, 1874–75, embodying a summary...of experiments with the steam machinery of U.S. revenue steamers Rush, Dexter, Dallas, and Gallatin. *Washington: Govt. Prtg. Office*, 1875. 12 p., 7 diag., 8 tab. f°. (U. S. Navy Dept.)

Maginnis (A. J.) The Atlantic ferry, its ships, men, and working. *London: Whittaker & Co.*, 1892. xviii, 304 p., 14 port., 15 diagrams. illus. 12°.

Mansel (Robert). Discussion of some theories of steamship propulsion. (Engineer. *London*, 1898. v. 86, p. 363. f°.)

—— On the mechanical theory of steamship propulsion. (Engineer. v. 89, pp. 243–245; v. 90, pp. 179–180; v. 93, pp. 294–295. *London*, 1900–02.)

Marestier ( ). Mémoire sur les bateaux à vapeur des États-Unis d'Amérique, avec un appendice sur diverses machines relatives à la marine. *Paris: Impr. royale*, 1824. Text and atlas. f°.

Martin (Edwin Lewis). Swift passenger steamers of moderate size. (Engineering. v. 67, pp. 756–757. *London*, 1899.)

Mickles (Lovel G.) The snag nullifier. Description of an invention for preventing steam vessels from sinking, or their cargoes from loss, by striking against snags, or other objects under water. Secured by letters patent to Lovel G. Mickles, of New-York, April, 1843. *New-York: Tribune Print*, 1843. 20 pp. 8°.

New (The) liners of the French General Transatlantic Company. 1 pl. (Engineering. v. 73, pp. 342; 406–407. *London*, 1902.)

Ocean liners. (Quarterly Rev. v. 191, pp. 78–79. *London*, 1900.)

Oldham (Joseph R.) Absolute safety at sea in a 1200-foot horse-power steamship. (Cassier's Maga. v. 13, pp. 19–24. *New York*, 1906.)

Perry (Lawrence). Ocean steamships. (World's Work. v. 4, pp. 2612–2625. *New York*, 1902.)

Purdy (Thomas C.) Report on steam navigation in the United States. 66 p. (In: U. S. Census Office. 10. Census, 1880. 4°. v. 4, pp. 653–724.)

Rainey (Thomas). Ocean steam navigation and the ocean post. *New-York*, 1858. 8°.

Redfield (William Charles). Correspondence with the United States board of navy commissioners, relative to steam navigation applicable to government purposes. (Journal of the Franklin Inst. 1846.) *n. t.-p.* [*Philadelphia*, 1846.] 8°.

—— Notices of American steam-boats. *n. t.-p.* [*New Haven*, 1833.] 8°.

Reed's drawings of types of steamships, with index. *Sunderland: T. Reed & Co.* [1898] 14 p., 2 folded pl. 4°.

Reinicke (G.) Einfluss des Windes und Seeganges auf die Geschwindigkeit der Dampfer. (Annalen d. Hydrographie. Jahrg. 32, pp. 451–457. *Berlin*, 1904.)

Renwick (James). Account of the steam boats navigating the Hudson River in the state of New York; in a letter to Capt. Edward Sabine. *n. t.-p.* [1828.] 8°.

Risks (The) to life and property attending the practice of "racing on the ocean." *London: Nissen & Parker*, 1857. 23 p. 12°.

Roentgen (Gerhard Mauritz). Verhandeling over de stoombooten, door G. M. Röntgen...uitgegeven door het Provinciaal Utrechtsche Genootschap van Kunsten en Wetenschappen. *Utrecht: J. Altheer*, 1825. 2 p.l., 70 p., 4 pl. 8°.

Ross (*Sir* J.) A treatise on navigation by steam ...*London*, 1828. il. pl. 4°.

—— [Same.] 2d edition. *London*, 1837. il. pl. 4°.

S. ( ) The East India Company versus steam to India. The true position and prospects of a steam communication with India, considered as regards the interference of the East India Company. A letter addressed to the editor of "The Times," and inserted in that journal on...23. January, 1837. [Signed P. S.] *London: Smith, Elder & Co.*, 1837. 16 p. 12°.

Sargent (John Osborne). A lecture on the late improvements in steam navigation and the arts of naval warfare, with a brief notice of Ericsson's caloric engine: delivered before the Boston Lyceum. *New York: Wiley & Putnam*, 1844. 2 p.l., 7–64 p. 8°.

Scott (Charles M.) Steamboats. Dedicated to the memory of Dixon H. Kennett, Frank Perdeau, George Britton, Wm. Few, Edward Stevens, and the thousands of other steamboat men who have

Steam Boats, cont'd.

been sa[c]rificed to the cupidity of reckless, unprincipled or ignorant owners, who care nothing for the lives of their employees so they can make money. [Dedication signed by Chas. M. Scott.] [*St. Louis?* 1877?] 10 p. 8°.

Seguin (C.) Mémoire sur la navigation à vapeur. *Paris*, 1828. 4°.

Smith (Junius). Letters upon Atlantic steam navigation. Collected from sundry periodical publications. *London: A. Eccles*, 1841. 16 p. 8°.

Stanton (S. W.) American steam vessels. *New York*, 1895. obl. 8°.

Structural (The) features of large ocean steamers. (Engineer. *London*, 1899. v. 87, pp. 139–140. f°.)

Steam speeds at sea. (Engineer. *London*, 1899. v. 87, pp. 92–93. f°.)

Stevens (Edwin A.), *and* C. P. PAULDING. Some notes on tidal corrections. [Discussion.] (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 235–242. *New York*, 1901.)

Stuart (Charles B.) The naval and mail steamers of the United States. Illustrated with thirty-six fine engravings. *New York: C. B. Norton*, 1853. 216 p., 23 plans, 10 pl., 1 port. f°.

—— —— 2. ed. *New York*, 1853. 4°.

Talbot (Frederick A. A.) The fight for the Atlantic. The evolution of the leviathan. (Pall Mall Maga. v. 24, pp. 433–448. *London*, 1901.)

Tasker (Stephen P. M.) The steamship of the future, greater safety, comfort, size, and speed. (Cassier's Maga. v. 25, pp. 80–91. *New York*, 1903.)

Tennyson-d'Eyncourt (E.) On the limits of economical speed of ships. (Engineer. v. 92, pp. 21–22. *London*, 1901.)

—— —— (Cassier's Maga. v. 21, pp. 47–51. *New York*, 1901.)

—— —— (Engineers' Gaz. v. 15, pp. 178–180. *London*, 1900.

Terry (Stephen H.) The ventilation of steamships. (Cassier's Maga. *New York*, 1899. 8°. v. 15, pp. 286–290.)

Thames (The) passenger steamboat service. (Engineer. v. 90, pp. 105; 184–185; 286–287; 309–310; 357–358; 432; 634–636; v. 91, pp. 181. *London*, 1900–'01.)

Thayer (Horace Holden), *Jr.* Powering ships. (Marine engineering. v. 7, pp. 382–384. *New York*, 1902.)

Thearle (Samuel J. P.) The distribution of materials in the upper works of large steamers. (Engineer. v. 89, pp. 155–156. *London*, 1900.)

Tourasse ( ), *and* F. N. MELLET. Essai sur les bateaux à vapeur appliqués à la navigation de l'Europe;—Considerations...sur les chemins de fer. *Paris*, 1828–29. 4°.

Town (Ithiel). Atlantic steamships. Some ideas and statements, the result of considerable reflection on the subject of navigating the Atlantic Ocean ... *New York: Wiley & Putnam*, 1838. 76 p., 2 pl. 12°,

Triple-screw ships. (Engineering. v. 68, pp. 610–611. *London*, 1899.)

Turc (C.) Le navire pour passagers. Essai sur un type nouveau de navires ... sans roulis; évitant ainsi le mal de mer ... *Paris: E. Bernard et Cie.*, 1903. 88 p. 4°.

Walker (P. F.) Stability of an oil-tank steamer. (Marine Engineering. v. 7, pp. 492–495. *New York*, 1902.)

Walsh (George Ethelbert). Modern ocean coal gluttons. The price of high ocean speeds. (Cassier's Maga. v. 19, pp. 163–177. *New York*, 1901.)

Ward (James Harman). Steam for the million. A popular treatise on steam and its application to the useful arts, especially to navigation ... *New York: H. Dexter & Co.*, 1860. 120 p. new ed. 8°.

Wheelwright (William). Statements and documents relative to the establishment of steam navigation in the Pacific; with copies of the decrees of the governments of Peru, Bolivia, and Chile, granting exclusive privileges. *London*, 1838. maps. 8°.

Wilson (John Henry). Facts connected with the origin and progress of steam communication between India and England. *London*, 1850. 8°.

Individual Ships.

Africa.

AUSTRIAN Lloyd's steamer "Africa." (Engineering. v. 78, pp. 303–9, 371–2. *London*, 1904.)

Alaskan.

OCEAN freighters Alaskan and Arizonian building at Union Iron Works (Marine Engineering. v. 6, pp. 104–108. *New York*, 1901.)

Amazon.

SLEIGH (A.) The Amazon; with suggestions for preventing the loss of steam ships. *London: G. E. Petter & Balchin*, 1852. 1 p.l., 9 p. 8°.

America Maru.

TWIN (The) S.S. America Maru. (Engineer. v. 88, pp. 407. *London*, 1899.)

Amur.

DOPPELSCHRAUBENDAMPFER "Amur" für die Chinesische Ostbahn-Gesellschaft, gebaut von A. G. "Neptun" Schiffswerft und Maschinenfabrik, Rostock i/M. 2 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 46, pp. 1565–1568. *Berlin*, 1902.)

Asbury Park.

NEW steamer Asbury Park, for the New York-Sandy Hook route. (Marine Engineering. v. 8, pp. 495–502. *New York*, 1903.)

Captain A. F. Lucas.

NEW large oil-tank steamer Captain A. F. Lucas. (Marine Engineering. v. 7, pp. 604–608. *New York*, 1902.)

Carmania.

HURD (Archibald S.) The largest turbine steamship in the world: The "Carmania" of the Cunard line. (Cassier's Maga. v. 29, pp. 179–191. *New York*, 1906.)

Steam Boats, cont'd.

KAEMMERER (W.) Der transatlantische Turbinendampfer "Carmania." (Ztschr. d. Vereines deutsch. Ingen. v. 50, pp. 15–20. *Berlin*, 1906.)

PIAUD (L.) Le paquebot à turbines "Carmania" de la Compagnie Cunard. 1 pl. (Génie civil. v. 48, pp. 153–158. *Paris*, 1906.)

TRIPLE-SCREW turbine-driven Cunard liner "Carmania." 1 pl. (Engineering. v. 80, pp. 715–726. *London*, 1905.)

Cedric.

NEW White Star Line steamship Cedric. (Marine Engineering. v. 8, pp. 165–170. *New York*, 1903.)

City of Lowell.

DENTON (J. E.) Performance of the twin-screw steamer City of Lowell. *n. p.* [1895?] 19 p., 1 pl., 5 plan, 1 map. 4°. (Trans. Soc. Naval Archi. & Marine Eng., Advance sheet, no. 2.)

City of New York.

INMAN and International Steamship Co. The Inman line. The magnificent new steamships City of New York and City of Paris ...[Signed J. C.] *New York: Inman & Internat. S.S. Co.* [cop. 1889] 1 p.l., 5–47 p., 3 pl. illus. f°.

Corona.

TWIN-SCREW steamer "Corona" for northern Nigeria. (Engineering. v. 57, pp. 156–157. *London*, 1904.)

C. W. Morse.

STEAMBOAT C. W. Morse for the Hudson River. (Marine Engineering. v. 9, pp. 279–283. *New York*, 1904.)

Dakota.

GUNDERSON (A.) Description of steamship Dakota and her official trial performance. 3 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 365–405. *Washington*, 1905.)

HANSCOM (Charles R.) Description of the design and building of the 21,000 ton steamships Minnesota and Dakota. [With discussion.] 26 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 205–242. *New York*, 1903.)

Deutschland.

DOPPELSCHRAUBEN-SCHNELLDAMPFER (Der) "Deutschland" erbaut von der Stettiner Maschinenbau-Aktiengesellschaft "Vulcan." 5 pl. (Zeitschr. d. Vereines deutsch. Ingenieure. v. 44, pp. 1489–1508. *Berlin*, 1900.)

GRADIER (S.) Le paquebot transatlantique Deutschland. 1 pl. (Génie civil. v. 38, pp. 245–250; 261–266. *Paris*, 1901.)

HAMBURG-AMERICAN (The) Atlantic liner "Deutschland." (Engineering. v. 69, pp. 382; v. 70, pp. 532, 662–4, 723–4, 763, 823–6. *London*, 1900.)

SCHNELLDAMPFER (Der) "Deutschland." (Stahl u. Eisen. Jahrg. 20, pp. 95–99. *Düsseldorf*, 1900.)

TWIN screw express steamer Deutschland. (Marine Engineering. v. 6, pp. 241–246; 263–268. *New York*, 1901.)

Elbert H. Gary.

M'CLURE (W. Frank). The "Elbert H. Gary" — The greatest of ore-carrying steamers. (Scientific Amer. v. 93, pp. 297–298. *New York*, 1905.)

Gneisenau.

HILDEBRANDT (Hermann). Der Doppelschrauben-, Fracht- und Passagierdampfer "Gneisenau," erbaut von der Stettiner Maschinenbau-A.-G. Vulcan in Stettin-Bredow. 3 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 48, pp. 510–522. *Berlin*, 1904.)

Great Britain.

CLAXTON (Christopher). A description of the Great Britain steamship, built at Bristol, for the proprietors of the Great Western Steam Ship Company, with remarks on the comparative merits of iron and wood as materials for ship building. *Bristol: J. Taylor*, 1845. 1 p.l., 5–16 p., 3 pl. 8°.

—— —— *New York: J. S. Homans*, 1845. 28 p., 1 pl., 1 l. 8°.

The GREAT BRITAIN. Atlantic steam ship of 3,500 tons, constructed of iron, represented on 25 folio plates of engravings. *London*, 1847.

GREAT WESTERN Steam Ship Company. The Great Britain steam ship. Extracts from the letters of Capt. Claxton, R.N., to I. K. Brunel, and the directors of the...Company, giving...account of the manner in which the Great Britain was first protected through the winter of 1847...and copies of documents relating to the breakwater ... *London: Longman & Co., Bristol: Mirror Office* [1847]. 75 p. 8°.

—— —— *Bristol: prtd. at the Mirror Off., by John Taylor* [1847]. 75 p. 8°.

Great Eastern.

An ACCOUNT of the Great Eastern, formerly the Leviathan, its origin, mode of construction and launching; with description of the machinery employed in its propulsion ..the whole prefixed by...the history of steam navigation. [*London*, 1858.] f°. (Illustrated Times. Leviathan Number, pp. 49–72.)

An ACCOUNT of the largest steam ship in the world, belonging to the Eastern Steam Navigation Company. *London: N. Dawson*, 1856. 15 p. 12°.

ALL about the Great Eastern. *London: W. H. Smith and Son* [1859?]. 32 p., 1 pl. 12°.

The GREAT EASTERN: a description of Mr. Scott Russell's great ship, built at Millwall, for the Eastern Navigation Company ... Illustrated... *Philadelphia: T. R. Callender* [1859?]. 32 p. 12°.

HORNER (Joseph). The "Great Eastern." (Cassier's magazine. v. 22, pp. 443–456. *New York*, 1902.)

Steam Boats, cont'd.

OUR big visitor, the Great Eastern steamship: section of the vessel, with sketches of the leading men connected with the enterprise. *New York*, 1859. ports. 8°.

Q. (O. P.) Guide to the Great Eastern, with railways and steam packet: also cabs and other fare tables. By O. P. Q. *Southampton: T. G. Gutch* [1859?]. 19 p., 2 pl. 12°.

REYNOLDS (James). Mr. Brunel's great ship. Reynolds' view, section, plan, and description of the Great Eastern, steam ship... *n. t.-p. London: J. Reynolds* [1859?]. 1 folded pl. 8°.

Great Western.

CLAXTON (Christopher). Logs of the first voyage, made with the unceasing aid of steam, between England and America, by the Great Western, of Bristol; also an appendix and remarks. *Bristol* [1838?]. 8°.

Hanoverian.

TWIN-SCREW steamer "Hanoverian." (Engineering. v. 74, p. 572. *London*, 1902.)

Hendrick Hudson. (Internat. Marine Engineering. v. 11, pp. 191–195. *New York*, 1906.)

Hitachi Maru.

FIRST large merchant steamship constructed in Japan, the Hitachi Maru. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 8–9.)

Jamestown.

WILLS (Alexander). The fire-proof excursion steamer Jamestown. illus. (Internat. Marine Engineering. v. 11, pp. 419–426. *New York*, 1906.)

Kaiser Wilhelm der Grosse.

BELLET (Daniel). Les grands transatlantiques. Le "Kaiser Wilhelm der Grosse." (La nature. année 28, sem. 1, pp. 155–158. *Paris*, 1900.)

HACHEBET (M.) Le paquebot "Kaiser Wilhelm der Grosse." 2 diag. (Le Génie civil. *Paris*, 1898. f°. v. 33, pp. 213–217; 385–391.)

NORDDEUTSCHE (Der) Lloyd und sein Doppelschraubenschnelldampfer "Kaiser Wilhelm der Grosse." (Dinglers polytech. Jour. v. 315, pp. 1–7; 39–46; 53–60; 70–77. *Stuttgart*, 1900.)

NORTH German Lloyd (The) T. S.S. "Kaiser Wilhelm der Grosse." (Engineering. *London*, 1898. f°. v. 65, pp. 266–269, 301, 364, 429–431, 590–591, 649–650, 721–724.)

Kaiser Wilhelm II.

BOUSQUET (J.) Le paquebot "Kaiser Wilhelm II." 1 pl. (Génie civil. v. 43, pp. 353–359; 372–376. *Paris*, 1903.)

HEESCH ( ). Radschleppdampfer "Kaiser Wilhelm II." der Vereinigte Elbeschifffahrts-Gesellschaften Aktiengesellschaft. Dresden-A. 1 pl. (Schiffbau. Jahrg. 7, pp. 667–670. *Berlin*, 1906.)

NEW (The) German high-speed liner "Kaiser Wilhelm II." (Engineering. v. 74, pp. 204–207; 269–272; 278; 339–340. *London*, 1902.)

Kaiserin Auguste Victoria.

SALONDAMPFER (Der) "Kaiserin Auguste Victoria." 2 pl. (Ztsch. d. Vereines deut. Ingenieure. v. 44, pp. 365–375. *Berlin*, 1900.)

Kamschatka.

SCHUYLER (George L.) Letter to W. Gwin, member of congress from Mississippi, concerning the steamship Kamschatka. [*New York: C. S. Francis & Co.*, 1843] 16 p. 8°.

Kroonland.

NEW steamship Kroonland of the International Navigation Company. (Marine Engineering. v. 7, pp. 429–443. *New York*, 1902.)

La Provence.

DUMAS (A.) Le paquebot "La Provence" de la Compagnie Générale Transatlantique. 1 pl. (Génie civil. v. 48, pp. 369–372; 393–396. *Paris*, 1906.)

Lusitania.

CUNARD liner "Lusitania." (Engineering. v. 81, pp. 729–731. *London*, 1906.)

LUKE (W. J.) On some points of interest in connection with the building and launching of the "Lusitania." illus. (Marine Engineer. v. 30, pp. 320–325. *London*, 1907.)

Marathon.

ABERDEEN Line of Messrs. George Thompson & Co. New Aberdeen liner. Launch of the Marathon. Ceremony at Govan. *Aberdeen*, 1903. 3 l. 8°.

Missouri.

ATLANTIC transport steamers Missouri and Maine. (Marine Engineering. v. 8, pp. 21–26. *New York*, 1903.)

Narvik.

HERNER (Heinrich). Der Erzdampfer "Narvik," erbaut von Friedr. Krupp Germaniawerft, Kiel. (Ztschr. d. Vereines deutsch. Ingen. v. 50, pp. 695–699. *Berlin*, 1906.)

Neckar.

TECKLENBORG (Joh. C.) Der Reichspostdampfer "Neckar," erbaut von der Schiffswerft und Maschinenfabrik. 1 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 46, pp. 1–8. *Berlin*, 1902.)

Nieuw Amsterdam.

HOLLAND-AMERICA liner Nieuw Amsterdam. (Internat. Marine Engineering. v. 11, pp. 207–214. *New York*, 1906.)

Northwestern.

OCEAN-GOING steamship Northwestern, built on the Great Lakes. (Marine Engineering. v. 6, pp. 215–216. *New York*, 1901.)

Oceanic.

HACHEBET (M.) Le paquebot "Oceanic" de la Compagnie White Star Line. (Génie civil. v. 36, pp. 49–52. *Paris*, 1899.)

Steam Boats, cont'd.

How the Oceanic was launched. (Engineer. *London*, 1899. f°. v. 87, pp. 54–55.)

Mayo (Earl). The biggest steamship afloat. (McClure's maga. v. 15, pp. 64–73. *New York*, 1900.)

New twin screw Steamship "Oceanic" of the White Star Line. Owners: Oceanic Steam Navigation Co., Ltd., Liverpool. [*London: Bedford Lemere & Co.*, 1899.] 5 l., 24 pl., 1 port. ob. 4°.

The Oceanic. (Engineering. v. 68, pp. 274–275. *London*, 1899.)

The Oceanic. (Marine Engineer. v. 21, pp. 297–299. *London*, 1899.)

Particulars of the marine monsters Oceanic and Great Eastern. (Marine Engineering. v. 4, pp. 93–98. *New York*, 1899.)

White Star (The) liner. "Oceanic." (Engineering. *London*, 1899. 8°. v. 67, pp. 53–57.)

Oscar II.

Scandinavian-American Line. Twin-screw steamers: "Oscar II." "Hellig Olav." "United States." [Circular.] [*New York: Press of Unz & Co.*, 1903.] 16 l. ob. 24°.

Poseidon.

Karmmerer (W.) Der Forschungsdampfer "Poseidon" erbaut vom Bremer Vulkan, Schiffbau- und Maschinenfabrik in Vegesack. (Ztschr. d. Vereines deutsch Ingen. v. 47, pp. 807–812. *Berlin*, 1903.)

Princesse Elisabeth.

Belgische (Der) Turbinen-Postdampfer "Princesse Elisabeth," erbaut von der Société Anonyme John Cockerill in Seraing-Hoboken, Belgien. illus., 1 pl. (Verein. deut. Ingen. Ztschr. v. 50, pp. 1441–1450; 1487–1493; 1545–1552. *Berlin*, 1906.)

Dover Ostend turbine steamship "Princesse Elisabeth." 2 pl. (Bull. Internat. Railway Congr. v. 20, pp. 786–794. *Brussels*, 1906.)

San Jacinto.

Mallory line twin-screw passenger and freight steamship San Jacinto. 1 pl. (Marine Engineering. v. 8, pp. 547–555. *New York*, 1903.)

Sithonia.

Schraubendampfer (Der) "Sithonia" gebaut von der Flensburger Schiffsbau-Gesellschaft, Flensburg. 1 pl. (Ztschr. d. Vereines deutsch. Ingenieure. v. 46, pp. 513–517. *Berlin*, 1902.)

Sovereign.

Hackstaff (John D.), *and others*. Efficiency of the twin-screw steam-yacht Sovereign. (Stevens Inst. Indicator. v. 16, pp. 129–137, 377–396. *Hoboken*, 1899.)

Haight (Robert S.) Analysis of the speed-trial of the twin-screw steam yacht Sovereign by D. W. Taylor's method of trial analysis. (Stevens Inst. Indicator. v. 17, pp. 131–144. *Hoboken*, 1900.)

Teutonic.

White Star Royal Mail Steamship "Teutonic" (H. M. Armed Cruiser) at the Naval Review, Spithead, June 26, 1897, in commemoration of the sixtieth year of the reign of her Majesty Queen Victoria. *London: Stas. Walery & Co.*, 1898. 56 l., 44 pl., 2 port. ob. f°.

Vaderland.

International Navigation Co. New twin-screw steamships Vaderland and Zeeland. *New York: Internat. Navig. Co.*, 1901. 10 l. ob. 16°.

Virginia.

Chesapeake and Ohio railroad passenger steamer Virginia. (Marine Engineering. v. 7, pp. 265–273. *New York*, 1902.)

Wolvin.

M'Clure (W. Frank). The "Wolvin," the largest fresh-water steamship afloat. (Scientif. Amer. v. 90, pp. 345–346. *New York*, 1904.)

Submarines.

Noalhat (H.) Bibliographie. (In his: Les sous-marins et la prochaine guerre navale. *Paris*, 1903. 12°. pp. vii–viii.)

Atteridge (A. Hilliard). The tactics of the submarine. (Monthly Rev. 1901, v. 4, pp. 42–51. *London*, 1901.)

Bacon (R. H.) Notes on the causes of accidents to submarine boats, and their salvage. [With discussion.] 1 pl. (Transac. Inst. Naval Architects. v. 47, pp. 406–423. *London*, 1905.)

Baird (G. W.) Submarine torpedo boats. (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 845–855. *Washington*, 1902.)

Baker (Ray Stannard). A voyage on the bottom of the sea. (McClure's Maga. *New York*, 1898. 8°. v. 12, pp. 203–209.)

Barber (F. M.) A rambling discourse on submarine navigation. (Forum. v. 34, pp. 625–634. *New York*, 1903.)

Bellet (Daniel). Le bateau sous-marin et ses dangers. (Rev. scientif. sér. 5, v. 6, sem. 2, pp. 612–616. *Paris*, 1906.)

Bonomo (Quintino). Le armi subaquée nel secolo xix. (Rivista marittima. anno 35, 1902. pp. 437–477. *Roma*, 1902.)

Bradley (W. P.) Submarine navigation. (Pop. Sci. Monthly. v. 58, pp. 156–171. *New York*, 1900.)

Burgoyne (Alan H.) The future of the submarine boat. [Discussion.] (Jour. Roy. United Service Inst. v. 48, pp. 1288–1311. *New York*, 1904.)

—— The safety of submarines. (Technics. v. 3, pp. 17–24. *London*, 1905.)

—— Submarine navigation past and present. Illustrated. *London: G. Richards*, 1903. 2 v. 8°.

Busley (Carl). Submarine boats—from the earliest records down to the present. (Marine Engineering. v. 5, pp. 405–409; 466–469; 540–542; v. 6, pp. 24–27; 60–63; 111–114; 193–195. *New York*, 1900.)

Submarines, cont'd.

Delpeuch (Maurice). Les premières expériences de navigation sous-marine en France. (La contemporaine. v. 8, pp. 202–218. *Paris*, 1902.)

—— La première tentative de guerre sous-marine. (Aout 1776.) (La contemporaine. v. 5, pp. 217–228. *Paris*, 1901.)

Early submarine warfare. (Engineer. v. 91, pp. 109–110. *London*, 1901.)

Entwickelung des Unterseebootwesens in den Jahren 1900 und 1901. (Dinglers polytech. Jour. Jahrg. 82, v. 316, pp. 821–824. *Stuttgart*, 1901.)

Equevilley (R. d'). Les bateaux sous-marins et les submersibles. *Paris: Gauthier-Villars* [1902?]. 164 p. 12°. (Encyclopédie scientifique des aide-mémoire. [Sec. de' l'ingénieur.])

Field (C.) Old attempts at under-water war. (United Service Maga. v. 145, pp. 353–363. *London*, 1901.)

Fontin (Paul). Les sous-marins et l'Angleterre. *Paris: R. Chapelot et Cie.*, 1902. 70 p. 8°.

—— Les sous-marins et la politique navale de l'Angleterre. (Rev. maritime. v. 155, pp. 1819–1881. *Paris*, 1902.)

Forest (F.), *and* H. Noalhat. Les bateaux sous-marins. Historique. [Technologie.] Préface de A. Saissy. *Paris: Vve. C. Dunod*, 1900. 2 v. illus., pl. 8°.

French submarine torpedo boats. (Scient. Amer. v. 80, p. 211. *New York*, 1899.)

Fyfe (Herbert C.) Submarine warfare, past, present, and future, with an introduction by Admiral Sir E. R. Fremantle; and a chapter on "The probable future of submarine boat construction" by Sir E. J. Reed. *London: G. Richards*, 1902. xxviii, 332 p. 8°.

G. ( ) Bateau sous-marin "Holland." Par Commandant G. (La Nature. *Paris*, 1898. 4°. Année 26, pp. 585–587.)

—— Les "Sous-marins." (La nature. *Paris*, 1899. 4°. Année 27, pp. 177–179.)

Gaget (M.) La navigation sous marine. *Paris: C. Béranger*, 1901. 2 p.l., 472 p. 12°.

Garnett (W. H. Stuart). The stability of submarines. (Cassier's Maga. v. 31, pp. 235–241. *New York*, 1907.)

Graffigny (Henry de). Les sous-marines et leur rôle. (Rev. scientif. sér 4, v. 19, pp. 15–22. *Paris*, 1903.)

Halligan (John), *jr.* The development of the submarine in the direction of increased scope. A study of the Lake submarine torpedo boat protector. 12 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 1211–1240. *Washington*, 1903.)

Hichborn (Philip). The demonstrated success of the submarine boat. (Engineering Maga. v. 19, pp. 321–341. *New York*, 1900.)

Hoff (A. B.) The submarine as an enemy. (Proc. U. S. Naval Inst. v. 31, pp. 383–400. *Annapolis*, 1905.)

Holland (John P.) The submarine boat and its future. (North Amer. Rev. v. 171, pp. 894–903. *New York*, 1900.)

Holland (The) submarine torpedo boat. (Locomotive Firemen's Maga. *Peoria*, 1898. 8°. v. 24, pp. 582–585.)

Hopkins (Henry Clayton). The Argonaut: The successful submarine boat. (National Maga. *Boston*, 1898. 8°. v. 9, pp. 250–256.)

Hovgaard (William). The motion of submarine boats in the vertical plane. (Transac. Inst. of Naval Architects. v. 43, pp. 143–185. *London*, 1901.)

Hurd (Archibald S.) The coming of the submarine. The new British boats. (Nineteenth Century & After. v. 51, pp. 220–232. *London*, 1902.)

—— The success of the submarine. (Nineteenth Century & After. v. 54, pp. 711–721. *London*, 1903.)

Jaques (William Henry). Ericsson's destroyer and submarine gun, being a consideration of their application to naval warfare, the advantages of the system, together with a short history of submarine artillery. *New York: G. P. Putnam's Sons*, 1885. 48 p., 1 pl. 12°. (Questions of the day, no. 31.)

—— Submarine torpedo-boats. (Engineering. *London*, 1898. f°. v. 65, pp. 543–545.)

—— Submarine torpedo boats: their influence on torpedo boat architecture and value in warfare. (Marine engineering. *New York*, 1898. 4°. v. 2, pp. 14–18.)

Kimball (William W.) Submarine torpedo-boats. (Harper's Monthly Maga. v. 101, pp. 557–569. *New York*, 1900.)

Koster (P.) De Russische Onderzeesche Booten van het Lake type. (Elsevier's Geillust. Maandschrift. Jaarg. 50, pp. 242–249. *Amsterdam*, 1905.)

Lake (Simon). Safe submarine vessels and the future of the art. (Engineer. v. 103, pp. 296–297; 352–354. *London*, 1907.)

—— The submarine boat "Argonaut" and her achievements. (McClure's Maga. *New York*, 1899. 8°. v. 12, pp. 195–202.)

—— The submarine versus the submersible. 3 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 533–545. *Washington*, 1906.)

Lake Submarine Company. The submarine boat "Argonaut." What she was built for and what she has accomplished. [*New York*, 1900?] 16 p. illus. 8°.

Lalande (L.) L'engin porte-torpilles sous-marin. (Soc. d. ancien élèves. Bull. tech. 1906 (Nov.), pp. 812–853. *Paris*, 1906.

La Rouveraye (P. de). La navigation sous-marine et les torpilleurs submersibles. (Marine française. Année 14, pp. 122–127. *Paris*, 1901.)

Laselle (G. de). La navigation sous-marine. (Rev. française de l'étranger et d. colonies. v. 31, pp. 384–397. *Paris*, 1906.)

Laubeuf (A.) Der Nutzen der Unterseeboote. Ihr Einfluss auf die Flottenpolitik der einzelnen Staaten. (Deut. Rev. Jahrg. 32. (1907. v. 2.) pp. 170–184. *Stuttgart*, 1907.)

Laughton (L. G. Carr). War under water. (Monthly Rev. v. 16, no. 3, pp. 60–69. *London*, 1904.)

Submarines, cont'd.

Laurenti (C.) Accidents de sous-marins. (Rev. Maritime. v. 169, pp. 93–110. *Paris*, 1906.)

—— La navigazione subacquea nel secolo XIX. Tables, pp. ii–xxiii. (Rivista marittima. anno 34, pp. 457–494. *Roma*, 1901.)

—— La navigazione subacquea a scopo di guerra. (Rivista marittima. anno 33, trimestre 2, pp. 379–406. *Roma*, 1900.)

Lengnick (Arthur). Die Frage der unterseeischen Boote. (Mittheil a. d. Gebiete d. Seewesens. v. 29, pp. 365–416. *Pola*, 1901.)

Louis (Jean). La catastrophe du "Lutin" et le programme naval. (La marine française. année 19, sér 3 (1906), pp. 161–165. *Paris*, 1906.)

Mancini (Ernesti). I battelli sottomarini. (Nuova antologia. *Roma*, 1899. 8°. ser. 4, v. 79, pp. 486–505.)

Marulli (F.) Sull' impiego dei sottomarini. 1 pl. (Rivista marittima. anno 36 (1903), fasc. 4–5, Apr.–May, pp. 5–15. *Citta di Castello*, 1903.)

Mathelin (L.) Procédé de sauvetage du personnel à bord d'un sous-marin naufragé. (Soc. d. anciens éléves. Bull. technol. Feb. 1906, pp. 150–160. *Paris*, 1906.)

Melville (George Wallace). The submarine boat: its value as a weapon of naval warfare. 2 pl. (Smithsonian Inst. Annual rept. for 1901, p. 717–738. *Washington*, 1902.)

—— The submarine boat: its promises and performances. (North Amer. Rev. v. 172, pp. 584–598. *New York*, 1901.)

Mériel (P. de). Navires insubmersibles à flotteurs. (La Nature. année 29, sem. 1, pp. 131–133. *Paris*, 1901.)

Morgan (Leo). Official trials of the submarine boats Grampus and Pike. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 584–602. *Washington*, 1903.)

Mornington (Sidney). Simon Lake and his wonderful submarine. (Cosmopolitan. v. 37, pp. 365–372. *New York*, 1904.)

Noalhat (H.) Les sous-marins et la prochaine guerre navale. *Paris: Berger-Levrault & Cie.*, 1903. viii, 246 p., 1 pl., 1 tab. illus. 12°.

—— Des multiples conditions de la navigation sous-marine. (Bull. tech. (Inst. du génie civil.) Année 1, v. 2, pp. 1–30; 126–153. *Paris*, 1899.)

—— La navigation sous-marine. (Bull. technique. Année 1, v. 1, pp. 52–78. *Paris*, 1899.)

—— La navigation sous-marine aujourd'hui. (Marine française. v. 14, pp. 160–184. *Paris*, 1901.)

—— La navigation sous-marine. Étude complète sur l'immersion. (Rev. tech. v. 22, pp. 77–81; 102–106. *Paris*, 1901.)

—— La navigation sous-marine. Étude sur les gouvernails d'immersion. (Rev. tech. v. 21, pp. 321–323. *Paris*, 1900.)

—— Le problème de la navigation sous-marine. (Bull. tech. 1900. v. 1, pp. 135–150. *Paris*, 1900.)

—— —— (Rev. tech. v. 20, pp. 537–539; 559–562. *Paris*, 1899.)

—— *and* F. Forest. *See* **Forest** (F.)

Offiziellen (Die) Probefahrten der Vereinigten Staaten-Unterseeboote Grampus und Pike. 1 pl. (Mitteil a. d. Geblete d. Seewesens. v. 31, pp. 896–913. *Pola*, 1903.)

Paschen (D.) Der Wert des Unterseeboots als Seekriegsmittel. (Deut. Rev. Jahrg. 32, pp. 163–172. *Stuttgart*, 1907.)

Pesce (G. L.) La navigation sous-marine. *Paris: Vuibert & Nony*, 1906. 2 p.l., 498 p. illus. f°.

Pouleur (Hector). Torpilleurs & sous-marins. (Rev. univers. d. mines. sér. 4, v. 7, pp. 131–200. *Liége*, 1904.)

Robertson (Edmund). The admiralty and submarine boats. (Nineteenth Century and after. v. 49, pp. 30–38. *London*, 1901.)

Robertson (Edmund). The question of submarine boats. (Nineteenth Century. v. 47, pp. 713–722. *London*, 1900.)

Robinson (Charles N.) Submarines. (Naval annual. 1902. pp. 144–156. *Portsmouth*, 1902.)

Saltar (John). Gasoline engines for Holland submarine vessels nos. 3 to 8. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 144–150. *Washington*, 1901.)

Scott (J. Alvah). The submarine torpedo boat Plunger. 3 pl. (Jour. American Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 366–373.)

Skerrett (Robert G.) The evolution of the submarine and how far the Lake type solves the problem. 6 pl. (Jour. U. S. Artillery. v. 22, pp. 109–132. *Fort Monroe*, 1904.)

—— The limitations of the diving submarine. 12 pl. (U. S. Artillery Jour. v. 26, pp. 221–252. *Fort Monroe*, 1906.)

—— The problem of the submarine. (Tech. World. v. 1, pp. 107–114. *Chicago*, 1904.)

En **sous-marin**. (Rev. de Paris. année 12 (1905, v. 4). pp. 587–596. *Paris*, 1905.)

Sous-marins (Les). (Correspondant. v. 204 (n. s. v. 168). pp. 216–237. *Paris*, 1901.)

Spear (Lawrence Y.) The dangers of the submarine, real and imaginary. illus. (Harper's Weekly. v. 50, pp. 1596–1599. *New York*, 1906.)

—— Submarine torpedo-boats, past, present and future. [Discussion.] (Soc. Naval Architects and Marine Engineers. Transac. v. 10, pp. 323–350. *New York*, 1902.)

Stainer (C.) Über Unterseeboote. (Stahl u. Eisen. Jahrg. 25, pp. 1234–1240. *Düsseldorf*, 1905.)

Stand (Der) der Unterseebootfrage zu Beginn des zwanzigsten Jahrhundert's. (Dinglers polytech. Jour. Jahrg. 81, v. 315, pp. 277–281. *Stuttgart*, 1900.)

Stewart (William R.) The submarine, real and imaginary. The most deadly "fish" that swims "the waters under the earth." A probable successor of the mine. (Technical World. v. 3, pp. 734–742. *Chicago*, 1905.)

Submarine (The). (Quar. Rev. v. 198, pp. 105–126. *London*, 1903.)

Submarine (A) Arctic boat. (Nat. Geog. Maga. v. 12, pp. 201–202. *New York*, 1901.)

Submarines, cont'd.

Submarine (The) boat protector. (Engineer. v. 96, pp. 502–503. *London*, 1903.)

Submarine boats. (Engineering. v. 74, pp. 733–736; v. 91, pp. 67–68; 86–88; 146–147; 166. *London*, 1902.)

Submarines (The) and submersibles of France. [illus.] (Engineer. v. 102, pp. 625–628. *London*, 1906.)

Submarinos (Los) "Plongeur" y "Holland." (Revista gen. de marina. v. 45, pp. 200–208. *Madrid*, 1899.)

Tanif (Henri). Torpilles, torpilleurs et sous-marins. (Questions diplomat et coloniales. v. 17, pp. 577–588. *Paris*, 1904.)

United States.—*Navy Department.* Copies of all reports in the possession of the navy department and extracts from reports on file in the bureau of navigation, concerning the submarine boat Holland. Jan. 3, 1900. *n. t.-p.* [*Washington*, 1900.] 13 pp. 8°. (56. Cong. 2. sess., S. doc. 71.)

Unterseeische Boote. (Dinglers polytech. Jour. Jahrg. 81, v. 315, pp. 32–34. *Stuttgart*, 1900.)

White (J. Dundas). A submarine of the eighteenth century. (Nautical Maga. v. 71, pp. 352–355. *London*, 1902.)

White (*Sir* William Henry). The stability of submarines. (Roy. Soc. Pro. Ser. A. (Math. and Phys. sci.) v. 77, pp. 528–537. *London*, 1906.)

—— The stability of submarines. (Marine Engineer. n. s. v. 28, pp. 526–530. *London*, 1906.)

—— Submarine navigation. (Pop. Sci. Monthly. v. 68, pp. 266–275. *New York*, 1906.)

—— Submarine navigation. (Smithsonian Inst. Annual rept. for 1905. pp. 235–245. *Washington*, 1906.)

—— Submarine navigation. (Technics. v. 4, pp. 12–19. *London*, 1905.)

White (William Russell). Official trials of submarine boats Adder and Moccasin. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 39–58. *Washington*, 1903.)

Zeeofficer. Onderzeesche torpedobooten. (Elsevier's geillust. Mandschr. Jaarg. 15, v. 30, pp. 103–107. *Haag*, 1905.)

Torpedo boat destroyers.

Barnaby (S. W.) Torpedo-boat destroyers. (Trans. Inst. of Naval Architects. v. 44, pp. 1–7. *London*, 1902.)

—— —— (Engineering. v. 73, pp. 389–390. *London*, 1902.)

—— —— (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 396–408. *Washington*, 1902.)

British trials of torpedo boat destroyers. (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 46–56. *Washington*, 1902.)

Brown (William David Seton). The propelling machinery of a torpedo-boat destroyer. *London: The Inst.*, 1900. 18 p. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 141, sess. 1899–1900. Pt. 3.

Crépy (P.) Le contre-torpilleur japonais "Tkadsuchi." (Rev. tech. annales d. trav. pub. et d. chemins de fer et de l'automobilisme. *Paris*, 1899. f°. v. 20, pp. 25–26.)

—— Les contre-torpilleurs, leur origine, leur développement. (Rev. technique, annales de travaux publics et d. chemins de fer et d. l'automobilisme. *Paris*, 1898. f°. v. 19, pp. 365–367.)

Davison (G. C.) A destroyer in service. One year's performance [of the "Paul Jones"]. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 281–289. *Washington*, 1905.)

Design for a model torpedo-boat. (Work. v. 18, p. 182. *London*, 1899.)

Dickie (G. W.) Torpedo boat destroyers. For sea service, with special reference to the conditions that prevail on the Pacific coast. (Scientific Amer. Suppl. *New York*, 1898. f°. v. 46, p. 19172.)

—— Torpedo boat destroyers for sea service, with special reference to Pacific coast conditions. (Marine Engineering. v. 3, pp. 24–27. *New York*, 1899.)

Further trials of the turbine driven torpedo boat destroyer Viper. (Marine Engineering. v. 5, pp. 229–230. *New York*, 1900.)

Great Britain.—*Admiralty.* Watch, station, quarter, and fire bill &c. for H. M. torpedo boat destroyers. *London: Eyre & Spottiswoode*, 1905. 160 p. 16°.

Howden (James). Torpedo-boat destroyers for sea service. (Transac. Inst. of Naval Architects. v. 41, pp. 161–169. *London*, 1899.)

Jane (Fred. T.) The seaworthiness of destroyers. (Contemp. Rev. v. 80, pp. 712–720. *London*, 1901.)

Magoun (H. A.) U. S. torpedo-boat destroyers Truxtun, Whipple and Worden. 9 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 393–403. *Washington*, 1903.)

Moritz (Albert). The contract speed trial of U. S. torpedo-boat destroyer Stewart. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 111–121. *Washington*, 1903.)

New (The) American navy: torpedo-boat destroyers. (Engineering. *London*, 1898. f°. v. 66, pp. 817–819.)

Platt (John). The development of the torpedo-boat destroyer. (The Engineering Maga. *New York*, 1898. 8°. v. 15, pp. 189–205.)

Purvis (F. P.), Teraro (S.), *and* Shiba (C.) Experiments on vibration of the Japanese torpedo-boat destroyers, Harusame and Hayatori. 3 pl. (Amer. Soc. of Civil Engineers. Internat. Engineering Congr., 1905. Transac. v. 54, pt. D., pp. 89–116. *New York*, 1905.)

Repair (The) of the torpedo boat destroyer "Salmon." (Engineering. v. 73, pp. 368–369. *London*, 1902.)

Swedish (The) torpedo-boat destroyer "Mode." (Engineering. v. 74, pp. 368–369, 375. *London*, 1902.)

Torpedo boat destroyers for the United States navy. 1 pl. (Engineer. *London*, 1898. f°. v. 86, pp. 391–392.)

U. S. S. Stringham, torpedo boat destroyer under construction at Wilmington, Del. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 21–25.)

Torpedo Boat Destroyers, cont'd.

Webster (H.) Contract trial of the torpedo-boat destroyer Decatur. 2 pl. (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 57–73. *Washington*, 1902.)

Wilson (George), *and* A. T. WESTON. A factor in the safety of torpedo-boat destroyers. 13 p. diagrams. (Manchester lit. and philos. soc. Mem. and Proc. v. 47, no. 13. *Manchester*, 1903.)

Yarrow (Harold). Experiments on the effect of depth of water on speed, having special reference to destroyers recently built. [With discussion.] 3 pl. (Transac. Inst. Naval Architects. v. 47, pp. 339–343; 349–358. *London*, 1905.)

Torpedo boats.

Anderson (M. A.) *See* **Gillmor** (H. G.) *and* M. A. Anderson.

Bankson (Lloyd). The safety of torpedo-boats at sea and in action under various conditions. 3 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 293–295. *New York*, 1900.)

Beach (Edward L.) Our torpedo-boat flotilla. The training needed to insure its efficiency. (Proc. U. S. Naval Inst. v. 29, pp. 117–159. *Annapolis*, 1903.)

Beasley (Walter L.) The wonderful turbine torpedo. (Army & Navy Life & United Service. v. 8, pp. 7–11. *New York*, 1906.)

Borja y Goyeneche (Joaquin de). El marinero torpedista. Resumen de las principales ideas sobre torpedos, puesto al alcance de los marineros ... *Barcelona: Henrich y Ca.*, 1894. 241 p., 1 l. 3. ed. 8°.

Buchard (H.) Torpilles et torpilleurs des nations étrangères; Suivi d'un atlas des flottes cuirassées étrangères. *Paris: Berger-Levrault et Cie.*, 1889. xv, 222 p., 1 l., 114 pl. 8°. (Bibliothèque du marin.)

C. (A.) Influence de la profondeur de l'eau sur la vitesse des torpilleurs. (Génie civil. v. 46, pp. 304–305. *Paris*, 1905.)

Chandler (L. H.) The automobile torpedo and its uses. A discussion of the torpedo policy best adapted for the United States Naval service. (Proc. U. S. Naval Inst. v. 26, pp. 47–71. *Annapolis*, 1900.)

—— Some notes on the performance of the torpedo vessels of the United States navy at sea. 3 tables. (Soc. Naval Architects and Marine Engigineers. Transac. v. 11, pp. 349–353. *New York*, 1903.)

—— Some further notes on the performance of the torpedo vessels of the United States navy at sea. [Discussion.] 13 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 135–154. *New York*, 1904.)

Child (Charles T.) Electrical propulsion for torpedo boats. (Jour. of the Amer. Soc. of Naval Engineers. *Washington, D. C.*, 1898. 8°. v. 10, pp. 958–964.)

Clergeau (Manuel). Guide pratique du chauffeur et du mécanicien sur les bateaux-torpilleurs. *Paris: L. Baudoin*, 1895. x, 239 p., 39 pl. illus. 2. ed. 8°.

Contract trial of torpedo boat no. 27. The Blakely. (Jour. Amer. Soc of Naval Engineers. v. 16, pp. 1076–1094. *Washington*, 1904.)

Croiseur-torpilleur (Le) "Fleurus." [Signed] Un mecanicien. (Marine française. Année 12, pp. 156–164. *Paris*, 1899.)

Demoulin (Maurice). Nouvelles machines marines, des bâtiments à grande vitesse, des torpilleurs & des embarcations à vapeur. [Text and Atlas.] *Paris: E. Bernard & Co.*, 1888. 2 v. 4°, f°.

Department plans for torpedo boats and destroyers for the U. S. navy, recently contracted for. (Marine Engineering. *New York*, 1898. 4°. v. 2, No. 11, pp. 21–29.)

Donaldson (John). Torpedo boats... Read before the Mechanical Science section of the British Association... 1882. *London: Bedford Press*, 1882. 14 p., 1 tab., 5 pl. 8°.

Durand (W. F.) Electrical propulsion for torpedo boats. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1899. v. 11, pp. 53–66. 8°.)

Fairburn (William A.) Discussion of the merits of torpedo craft, and some of the features of design and construction. (Marine Engineering. *New York*, 1898. v. 2, no. 9, pp. 10–14; v. 2, no. 10, pp. 4–9. 4°.)

Fremont (J. C.) Torpedo-boat service. (Harper's New Monthly Maga. *New York*, 1898. v. 97, pp. 829–837. 8°.)

Gillmor (H. G.) Torpedo boat design. (The Engineer. *London*, 1898. v. 85, pp. 88; 312; 410–412. f°.)

—— Torpedo-boat designs. (Cassier's Maga. *New York*, 1898. v. 14, pp. 255–267. 8°.)

—— —— The United States torpedo boats Talbot and Gwin. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. v. 10, pp. 493–501. 8°.)

Gillmor (H. G.), *and* M. A. ANDERSON. The U. S. torpedo boat Morris. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. v. 10, pp. 502–508. 8°.)

Groesbeck (W. G.) Side launch of torpedo-boats and torpedo-boat destroyers. [Discussion.] (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 243–251. *New York*, 1901.)

Herreshoff (Grace). The U. S. naval torpedo station. (New Eng. Maga. n. s., v. 26, pp. 167–181. *New York*, 1902.)

Hurd (Archibald S.) The future of torpedo craft. (Cassier's Maga. v. 29, pp. 300–315. illus. *New York*, 1906.)

Jackson (R. H.) Torpedo craft: types and employment. (Proc. U. S. Naval Inst. v. 26, pp. 1–45. *Annapolis*, 1900.)

—— —— (Marine Engineering. v. 5, pp. 358–388, 417–420, 470–472; v. 6, pp. 13–15, 66–68, 99–102, 151–154. *New York*, 1900–01.)

Jane (Frederick T.) The torpedo book. A series of sketches with torpedo craft in fair weather and foul. With descriptive letterpress. *London: N. Beeman*, 1897. 2 p.l., 1 l., 20 pl. ob. 8°.

—— The torpedo in peace and war. *London: W. Thacker & Co.*, 1898. illus. ob. 4°.

Jaques (William H.) Torpedo boats in modern warfare. (Cassier's Maga. *New York*, 1898. v. 14, pp. 475–487. 8°.)

Torpedo Boats, cont'd.

Kimball (W. W.) Torpedo-boat organization and service: Atlantic coast of the United States. (Proc. U. S. Naval Inst. v. 27, pp. 713–723. *Annapolis*, 1901.)

Koester (O. W.) The torpedo-boat, destroyer, and depot. (Proc. U.S. Naval Inst. v. 25, pp. 851–855. *Annapolis*, 1899.)

Koudelka (A. v.) Torpedoboote für den Meldedienst und in Zutheilung beim Geschwader. (Mittheil. a. d. Gebiete d. Seewesens. v. 30, pp. 79–85. *Pola*, 1902.)

McFarland (Walter M.) The machinery of torpedo boats. (Cassier's Maga. v. 20, pp. 293–311. *New York*, 1901.)

Marriott (Crittenden). Wasps of the sea. Torpedo craft and their use in warfare. (Technical World. v. 3, pp. 697–708. *Chicago*, 1905.)

Maschinenbau und Elektrotechnik. Atlas technischer Modelle. 46 zerlegbare, zum Teil bewegliche Modelle von Maschinen und Apparaten sowie das Modell eines Kriegsschiffes und eines Torpedobootes nach neuestem und teilweise amtlichem Material bearbeitet von den Ingenieuren Weiland,..., M. Mastaglio, W. Häntzschel, Fritz Feiler, F. Fritsche mit Zeichenerklärung und erläuterndem Text. *Berlin: A. Dochow* [1902 ?]. 50 l., 29 pl. obl. 4°.

Niblack (A. P.) Tactical considerations involved in torpedo-boat design. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 245–255. *New York*, 1899.)

—— Tactical considerations involved in the design of the torpedo-boat. (Proc. U. S. Naval Inst. v. 26, pp. 167–178. *Annapolis*, 1900.)

—— —— (Marine Engineering. v. 5, pp. 57–61. *New York*, 1900.)

Noalhat (H.) Attaque et défense des côtes au moyen des torpilles. (Rev. tech. Année 25, pp. 7–11; 74–77; 123–128; 172–177; 223–227; 283–285; 337–342; 394–397; 460–464; 516–520; 566–570. *Paris*, 1904.)

Normand (J. A.) Etudes sur les torpilleurs. *Paris: Gauthier-Villars*, 1885. 28 p. sq. 4°.

Nouveaux (Les) torpilleurs japonais. (Rev. tech. v. 20, pp. 329–330. *Paris*, 1899.)

Oil-burning torpedo-boat. Constructed by Messrs. Yarrow and Co., engineers, Poplar. (Engineering. v. 71, p. 803. *London*, 1901.)

Parks (W. M.) The U. S. torpedo boat "Rodgers." (Amer. Soc. Naval Engineers. Jour. v. 9, pp. 684–688. *Washington*, 1897.)

Paulus ( ). Versuche zur Ermittlung des Einflusses der Wassertiefe auf die Geschwindigkeit der Torpedoboote. (Ztschr. d. Vereines deutsch. Ingen. v. 48, pp. 1870–1878. *Berlin*, 1904.)

Pouleur (Hector). Torpilleurs & sous-marins. (Rev. univers. d. mines. sér. 4, v. 7, pp. 131–200. *Liège*, 1904.)

—— Torpilleurs & sous-marins. La tactique navale et les enseignements de la guerre Russo-Japonaise. *Liège: C. Desoer*, 1904. 74 p., 2 pl. 8°.

Progressive trials of the Italian torpedo boat Condor. (Jour. Amer. Soc. of Naval Engineers. v. 12, pp. 77–84. *Washington*, 1900.)

R. Über die Armierung von Torpedobooten auf Grund taktischer Erwägungen. (Mitteil. a. d. Gebiete d. Seewesens. v. 35, pp. 356–370. *Pola*, 1907.)

Spears (John R.) Torpedo boats in the war with Spain. (Scribner's Maga. *New York*, 1898. v. 24, pp. 614–619. 8°.)

Thayer (G. H.) Torpedo boat no. 20. Goldsborough. Description and official trial performance. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 1016–1034. *Washington*, 1905.)

Torpedo-boat "Hydra" for the Dutch navy. Engineering. v. 70, pp. 73; 78–79. *London*, 1900.)

Torpedo (The) boat in the naval warfare of the future. [Signed] A Naval Officer. (Nautical Maga. v. 69, pp. 42–43. *London*, 1900.)

Torpedo boats for the Austrian navy. (Engineering. *London*, 1898. v. 96, p. 394. f°.)

Torpedo boats for the United States navy. (Engineer. *London*, 1898. v. 86, pp. 584–586.)

Torpedo vedette-boats for the Roumanian government. (Engineering. v. 83, pp. 517–518. *London*, 1907.)

United States.—*Navigation Bureau.* Papers and discussions on engines, boilers and torpedo boats. *Washington: Govt. Prtg. Office*, 1884. 219 p. 8°. pls. (Naval Professional Papers. No. 16.)

United States.—*Fortification, Bd. on.* Report of the committee...upon torpedoes, stationary and movable, and torpedo boats. Committee no. 2. *Washington: Gov't. Print. Off.*, 1885. 1 p.l., 5 p. f°.

Vaux (Patrick). Modern sea fights. The torpedoing of the "Aquidaban." (Idler. v. 25, pp. 115–120. *London*, 1904.)

Very (Edward W.) Report on torpedo-boats for coast defense. August, 1884. *Washington: Govt. Prtg. Office*, 1884. 20 p. 8°. (U. S. Navy Dept.)

Wetherbee (Charles P.) Changes in torpedo boat designs. [Discussion.] (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 165–195. *New York*, 1901.)

X. La vie en torpilleur. (Rev. de Paris. 1901. v. 3, pp. 527–550; 844–876. *Paris*, 1901.)

Unseaworthy Ships.

Great Britain.—*Unseaworthy Ships, Commission on.* Preliminary report...minutes of the evidence, and appendix. *London: G. E. Eyre & W. Spottiswoode*, 1873. 2 v. f°.

—— Same. Digest of evidence...with an alphabetical list of witnesses. *London: G. E. Eyre & W. Spottiswoode*, 1873. 1 p.l., 539–592 p. f°.

—— —— Final report...minutes of the evidence ...v. 1–2. *London: G. E. Eyre & W. Spottiswoode*, 1874. 2 v. f°.

—— —— Same. Appendix... *London: G. E. Eyre & W. Spottiswoode*, 1874. 1 p.l., 853–896 p. f°.

—— —— Same. General analytical index... *London: G. E. Eyre & W. Spottiswoode*, 1874. 60 p. f°.

Warships.

HISTORY.

B. (R. M.) Sketch of ancient war-ship on wall of tomb near Anfushi bay. (Société archéologique d'Alexandrie. Bulletin. no. 4, pp. 37–40. *Alexandrie*, 1902.)

Brock (E. P. Loftus.) The discovery of an ancient war-ship near Botley. (Jour. Br. Archæol. Assoc. v. 32. pp. 70–71. *London*, 1876.)

Chasseloup-Laubat (L. de). Note sur l'évolution de la construction des navires de combat. (Mém. & compte rendu. d. trav. de la Soc. d. ingénieurs civils de France. Bull. 1900, v. 1, pp. 245–261. *Paris*, 1900.)

Contribution au developpement de la valeur militaire des batiments de guerre. (Traduit de la Marine Rundschau, 1901.) (Rev. maritime. v. 152, pp. 394–410. *Paris*, 1902.)

Doslandes (Andrè François Boureau). Essai sur la marine des anciens et particulièrement sur leurs vaisseaux de guerre. *Paris: David*, 1768. xxxjj, 298 p., 1 l., 9 pl. 12°.

[**Ericsson** (John). Scrap book of press clippings on naval construction, armament, etc., compiled by him. 1866–1868.] f°.

—— —— [1868–1879.] f°.

Farley (J. P.) The era of iron-clad warfare. (Jour. Military Service Inst. v. 35, pp. 171–184; 366–381. *Governor's island*, 1904.)

Guiheneuc ( ). Les ancêtres du bateau-canon. (Marine française. année 15, sér 3, pp. 489–500; 542–553. *Paris*, 1902.)

Levi (Cesare Augusto). Navi da guerra construite nell' arsenale di Venezia dal 1664 al 1896 con N. 26 disegni tratti dai modelli eseguiti in questo secolo. *Venezia: Presso l'autore*, 1896. 2 p.l., 188 p., 3 l., 1 plan, 22 pl., 1 tab. 4°.

Sieveking (Arthur). Famous battleships. (Cassell's Maga. v. 28, pp. 648–654. *London*, 1899.)

Tarn (W. W.) The Greek warship. (Jour. Hellenic Studies. v. 25, pp. 137–156; 204–224. *London*, 1905.)

—— The fleets of the first Punic War. (Jour. Hellenic Studies. v. 27, pp. 48–60. *London*, 1907.)

Warship construction in 1900. (Engineering. v. 70, pp. 806–808; 838–839. *London*, 1900.)

Wilson (H. W.) Ironclads in action: a sketch of naval warfare from 1855 to 1895, with some account of the development of the battleship in England; with an introduction by A. T. Mahan. *London: S. Low, Marston & Co.*, 1896. 2d edition. 2 vol. 52 pl., 24 maps. 8°.

GENERAL WORKS.

Acton (Carlo). Manuale di attrezzatura, guarnitura, armamento di un bastimento da guerra e preparamento al servizio di mare. Compilato dal brigadiere di marina al ritiro C. Acton. *Napoli: Real Tip. Militare*, 1849. 232 p. 8°.

Adams (Henry M.) Report in regard to the trial of Gruson's chilled cast-iron armor, at Spezia, Italy, April, 1886. *Washington*, 1886. 7 p., 22 pl. sq. 4°. (U. S. Engineer Dept.)

Alphabetical list of British and foreign armoured and unarmoured ships. (Naval Annual. 1904, pp. 209–321. *Portsmouth*, 1904.)

American Iron and Steel Association. History of the manufacture of armor plate for the United States Navy. *Philadelphia*, 1899. 1 p.l., 33 ff., 35 pl. sq. 4°.

—— Bulletin [concerning] the armor plate situation in Great Britain. *n. p.* 1900. 4 p. 8°. (56. Cong., 1. sess. S. doc. 331.)

Repr.: The London Iron and Coal Trades Review, Feb. 23, 1900.

Apology (An) for English ship-builders: showing that it is not necessary the country should look to the navy for naval architects. *London: E. Wilson*, 1833. 48 p. 8°.

Armour (The) of British warships. [Total weight of armour of ships of different navies.] (Engineer. v. 95, pp. 233. *London*, 1903.)

Armour plate manufacture in Germany. (Engineer. v. 89, pp. 387–388. *London*, 1900.)

Armour-plate and projectile trials. (Engineering. v. 79, pp. 539–540. *London*, 1905.)

Armor (An) plate rolling mill. [Constructed by the Märkische Maschinenbau-Anstalt of Wetter-Ruhr, Germany, by order of the French Navy Dept.] 1 pl. (Engineer. v. 100, pp. 212. *London*, 1905.)

Armour plates. (Engineering. v. 69, pp. 435–438. *London*, 1900.)

Armour-plates at the Düsseldorf exhibition. Manufactured by Messrs. Fried. Krupp, Essen. (Engineering. v. 73, pp. 774–776. *London*, 1902.)

Armor and ships. Prepared for use in the Department of Artillery, U. S. Artillery School. 8 pl. (Jour. U. S. Artillery. v. 26, pp. 1–106. *Fort Monroe*, 1906.)

Attwood (Edward L.) War-ships, a text-book on the construction, protection...etc. of war vessels. With numerous diagrams. *London: Longmans, Green & Co.*, 1904. 4 p.l., 309 p. 8°.

Azcárate (Tomas de). Ensayo de una clasificación de los buques de guerra. (Revista gen. de marina. v. 44, pp. 505–515. *Madrid*, 1899.)

B. (F.) Triple-screw ships. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 397–411. *Washington*, 1901.)

Babbitt (E. B.) Recent experiments in attacking armor with high explosive shell. (Scientif. Amer. Suppl. v. 52, pp. 21688–21689. *New York*, 1901.)

Baclé (L.) Armour-plates at the Paris exhibition. (Engineering. v. 71, pp. 67–68, 99–100, 131–132, 161–164. *London*, 1901.)

—— Les plaques de blindages. 2 pl. (Bull. Soc. d'encouragement pour l'indust. nat. sér. 5, v. 4, pp. 1528–1601; 1652–1803. *Paris*, 1899.)

Bain (George Grantham). Krupp armor-plate tests. (Harper's Weekly. *New York*, 1898. f°. v. 42, pp. 980.)

Ballard (G. A.) "Considering the changes made in naval construction during the past twenty years, and in view of the experience gained during the China-Japanese and Spanish-American wars, what are the best types of war vessels for the British navy, including armour, armament, and

Warships, cont'd.

general equipment for ships of all types?" (Jour. Roy. United Ser. Inst. v. 44, pp. 359–394. *London*, 1900.)

Baston (T.) Twenty two prints of several of the capital ships of His Maj.ties royal navy with variety of other sea pieces after the drawings of T. Baston. [*London:*] *T. Bowles* [1721?]. 22 pl. f°.

Beardmore armour - plates. (Engineering. v. 73, pp. 158 and 159. *London*, 1902.)

Beehler (W. H.) Skeleton models of modern ships. 3 pl. (Proc. U. S. Naval Inst. v. 30, pp. 313–319. *Annapolis*, 1904.)

Bellet (Daniel.) Cuirassé japonais. (Rev. tech. v. 21, pp. 466–467. *Paris*, 1900.)

Benjamin (Park). Our ideal battle ship. (Independent. v. 53, pp. 2567–2572. *New York*, 1901.)

Bertin (L. E.) Les marines de guerre, à l'Exposition universelle de 1900. *Paris: E. Bernard & Cie.*, 1902. 2 p.l., 100 pp. 4°.

Bethlehem (The) Iron Co. Trial of 11½-inch all-steel armor plate at the naval ordnance proving ground, Annapolis, Md., January 20, 1891. *South Bethlehem*, 1891. 15 pp. sq. 4°.

Repr.: The Iron Age. June 4, 1891.

Biles (J. H.) American warships. (Engineering. v. 71, pp. 522–525; 555–557. *London*, 1901.)

—— Ten years' naval construction in the United States. 2 tab. (Transac. Inst. of Naval Architects. v. 43, pp. 1–19. *London*, 1901.)

Bonfiglietti (Filippo). Note sugli alberi di carico delle navi da guerra. 2 pl. (Rivista marittima. anno 38, pp. 61–75; 323–352. *Roma*, 1905.)

Boolds (H. J.) Proposed cellular ship of war. *n. p.* [1865] 50–58 p., 1 pl. 12°.

—— Proposed cellular ship of war. (Read before the Scottish Shipbuilders' Association, 6th Feb., 1865), and paper on H.M.S. "Vanguard" fitted on the cellular principle. *Greenock: J. M'Kelvie & Sons*, 1876. 16 p., 2 diag. 8°.

Bowles (Francis T.) Our new cruisers. [With 14 pl.] (In: Proc. U. S. Naval Inst., v. 9, no. 4, *Annapolis*, 1883. 8°. pp. [591]–631.)

—— Remarks on the new designs of naval vessels. [Discussion.] (Soc. Naval Architects & Marine Engineers. Transac. v. 10, pp. 273–287. *New York*, 1902.)

—— Ships of war. *New York*, 1885. 4°.

Brassey (T. H.), *and* C. Orde Browne. Recent warship construction. (Naval Annual, 1899, pp. 175–187. *Portsmouth*, 1899.)

Brassey (1. *baron*), Thomas Brassey. Unarmoured ships. *London: Longmans, Green & Co.*, 1875. 2 p. l., 37 p. 8°.

Braz de Oliveira (Joao). Modelos de navios existentes na escola naval que pertenceram ao museu de marinha. Apontamentos para um catalogo. Traducção franceza de José Augusto Celestino Soares. *Lisboa: Imp. Nac.*, 1896. 28 l., 27 p. f°. (Portugal. Marinha e Ultramar, Ministerio da.)

Brown's 12-in. Krupp plate. (Engineer. *London*, 1898. f°. v. 86, p. 402.)

Bryan (B. C.) A method of calculating the coal endurance and steaming radius of war vessels under various conditions. 2 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 696–706. *Washington*, 1905.)

—— The steaming radius of United States naval vessels. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 50–69. *Washington*, 1901.)

Brylinski (Roger). Étude sur les cuirassés modernes. (Rev. Maritime. v. 145, pp. 225–258. *Paris*, 1900.)

Burton (John H.) Flotilla craft. (United Service Maga. *London*, 1899. 8°. (v. 139) n. s. v. 18, pp. 367–377.)

Cammell's Krupp process plate. (Engineer. *London*, 1898. f°. v. 86, pp. 470–471.)

Canon et cuirasse. [Signed:] Capitaine xxx. (Rev. de Paris. 1905, v. 1, pp. 134–152; v. 3, pp. 387–400. *Paris*, 1905.)

Captain Coles and the admiralty: with an enquiry into the origin and qualities of the turret system of armour-clad war vessels. By the son of an old naval officer. *London: Longmans, Green & Co.*, 1866. 30 p., 1 l. 8°.

Caralp ( ). Note au sujet de la production de la fumée sur les batiments de guerre. (Rev. maritime. v. 168, pp. 47–61. *Paris*, 1906.)

Carnegie (D.) The manufacture and efficiency of armour-plates. *London: Inst. Civ. Eng.*, 1893. 17 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 114, pt. 4.

Carnt (E. C.) The steamboat equipment of warships. (Engineering. v. 72, pp. 431–432. *London*, 1901.)

Casciani (Clement). Le cuirassè moderne. (Monde moderne. v. 10, pp. 181–197. *Paris*, 1899.)

Cassidy (Arthur B.) Descriptions of the standard boats in use in the U. S. navy. (Marine Engineering. *New York*, 1899. 4°. v. 3, pp. 9–13.)

Chacon y Pery (Francisco). Clasificación de los buques de guerra. (Revista general de Marina. v. 43, pp. 633-643. *Madrid*, 1898.)

Chalmers (James). Armour-plated ships ... Petition to Parliament ... *n. p.*, 186–? broadside. nar. f°.

—— Naval armour. Dedicated to Lord Palmerston. *London: W. Mitchell*, 1865. 96 p. 12°.

Changes in the armament of warships. (Engineer. v. 95, pp. 274–275. *London*, 1903.)

Chasseloup-Laubat (de). Les marines de guerre modernes. (Bull. soc. d'encouragement pour l'indust. nat. année 99 (1900) sér. 5, v. 5, pp. 348–361; 762–783; v. 6, pp. 253-322; 456–470; 711–776; année 100 (1901) v. 101, sem. 1, pp. 210–250; 838–861; sem. 2, pp. 484–506; 632–649; année 101 v. 102, sem. 1, pp. 239–262. *Paris*, 1900–02.)

Chief characteristics of battleships and monitors provided for in naval shipbuilding programme of 1898–99. (Marine Engineering, *New York*, 1898. 4°. v. 2, no. 10, pp. 10–12.)

Clark (N. B.) Water line defence and gunshields for cruisers, with emergency motive power. *Philadelphia: J. S. Smith*, 1884. 39 p., 2 pl. 8°.

Repr.: Journal of the Franklin Institute, Jan. & Feb., 1884.

Warships, cont'd.

Coal economy and the price of speed in warships. (Jour. Roy. United Service Inst. v. 46, pp. 917–928. *London*, 1902.)

Coles (Cowper Phipps). A comparison between iron-clad ships with broadside ports, and ships with revolving shields. *Portsea: J. Griffin*, 1868. 5 p., 2 tab. 8°.

—— English versus American cupolas. A comparison between Capt. Coles's & Capt. Ericsson's turrets. *Portsea: J. Griffin*, 1864. 11 p., 2 pl. 8°.

—— Iron-clad sea-going shield ships. A lecture delivered at the Royal United Service Institution ... March 25, 1863. [*London: Harrison & Sons*, 1863?] 23 p., 10 pl. 8°.

—— Letters from Captain C. Coles to the Secretary of the Admiralty on sea-going turret-ships. Auckland Villa, Southsea, August 12th, 1865. *Portsea: J. Griffin & Co.* [1865 ?] 78 p., 4 plans. 8°.

—— The turret v. the broadside system. *n. t.-p. London: Harrison & Sons*, 1867. 52 p., 1 l. 8°.

[**Collection** de vaisseaux de guerre, douze plates en taille-douce. Engraved by Emeric ... 1794, A. Orio, G. Canali, G. M. Merlo and others. *n. p.*, 1794.] 12 pl. f°.

Colomb (P. H.) Naval guns and armour. (Naut. Maga. *London*, 1898. 8°. v. 67, pp. 745–764.)

Colour (The) of warships. By "Telescope." (United Service Maga. v. 146 (n. s. v. 25), pp. 335–338. *London*, 1902.)

Comparison of the battleships of the world. (Scientif. Amer. Suppl. v. 55, pp. 22608–22610. *New York*, 1903.)

Comparison of British and foreign battleships. (Navy League Jour. v. 6, pp. 40–43. *London*, 1901.)

Construction of the new U. S. composite gunboats with a comparison of their performances. (Marine Engineering. *New York*, 1898. 4°. v. 2, pp. 5–10.)

Croneau (A.) Architecture navale. Construction pratique des navires de guerre. *Paris: Gauthier-Villars et fils*, 1894. 3 v. text and atlas. 2 ll., 379; 2 ll., 616 p., 11 pl. ill., diagr. 8° and f°. (Encyclopédie industrielle.)

Cuniberti (Vittorio E.) Programmi navali o tipi di navi? 2 pl. (Rivista marittima. anno 34, pp. 5–45. *Roma*, 1901.)

Davis (Cleland). Modern armor; its influence on the development of ordnance. (Proc. U. S. Naval Inst. v. 27, pp. 551–559. *Annapolis*, 1901.)

Delpeuch (Maurice). Nos batiments de guerre et leurs ancêtres. (Rev. maritime. v. 144, pp. 433–472; v. 145, pp. 498–520; v. 146, pp. 22–54; v. 147, pp. 5–26; v. 148, pp. 58–82; 541–605; v. 150, pp. 1428–1459; v. 156, pp. 61–137. *Paris*, 1900–03.)

Denninghoff (B.) Deutschlands Kriegsflotte: Album mit 36 photographischen Ansichten. *Wilhelmshaven: Gebrüder Ladewigs* [1900]. 16 p., 29 pl. 2. ed. ob. 12°.

Dickie (George W.) The increasing complications in warships, and how simpler arrangements might be adopted. 4 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 7, pp. 123–137. *New York*, 1899.)

—— The monitor, the battleship, the cruiser, and the destroyer. (Jour. U. S. Artillery. v. 11, pp. 233–253. *Fort Monroe*, 1899.)

—— Power transmission on American warships. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 241–249.)

—— Simple methods in warship design a necessity. [Discussion.] 5 pl. (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 1–45. *New York*, 1905.)

—— Why it takes so long time to build and equip a naval vessel for the United States. [Discussion.] (Soc. Naval Architects and Marine Engineers. Transac. v. 10, pp. 289–311. *New York*, 1902.)

Dietrich (A.) Development in design and construction of German men-of-war. 1 pl. (Amer. Soc. Naval Engineers. Jour. v. 8, pp. 543–556. *Washington*, 1896.)

Dislère (Paul). La guerre d'escadre et la guerre de côtes. *Paris*, 1876. ill. 8°.

Domvile (B. E.) "What is the relative value of speed and armament, both strategically and tactically, in a modern battle-ship, and how far should either be sacrificed to the other in the ideal ship?" (Roy. United Service Inst. Jour. v. 51, pp. 385–413. *London*, 1907.)

Dougherty (Charles J.) The electric process of annealing armor-plate in the construction of war-ships. (Proc. Engineers' Club of Philad. v. 17, pp. 12–22. *Philadelphia*, 1900.)

—— The electric process of annealing armor-plate in the construction of warships. (Electr. Rev. v. 36, pp. 259–262. *New York*, 1900.)

Douglas (*Sir* Howard). On naval warfare with steam. *London*, 1858. ill. 8°.

Doyére (Ch.) Étude des variations du déplacement d'un navire suivant les conditions du programme imposé. (Rev. maritime. v. 148, pp. 233–255. *Paris*, 1901.)

Dredge (J.) Modern French artillery: (the St. Chamond, de Bange, Canet, & Hotchkiss systems), with illustrations of French warships. Chiefly reproduced from "Engineering." *London: Offices of "Engineering,"* 1892. xvii, 1 l., 458 p. f°. ("Engineering" series.)

Duquet (Alfred). La faillite du cuirassé. (Rev. maritime. v. 161, pp. 153–168. *Paris*, 1904.)

Durston (*Sir* Albert John), *and* Henry John Oram. Recent trials of the machinery of British warships. (Jour. Amer. Soc. of Naval Engineers. v. 11, pp. 304–335. *Washington*, 1899.)

Eberle (Edward W.) Some practical notes on American battleships. As seen by "the man behind the gun." (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 167–175.)

Edye (J.) Calculations relating to the equipment, displacement, etc., of ships and vessels of war. *London: S. & R. Hodgson*, 1832. 2 l., v–x, 2 l., 153 p., 31 diagr. 8°.

Ellicott (John M.) Warship design from a tactical standpoint. (Proc. U. S. Naval Inst. v. 27, pp. 51–66. *Annapolis*, 1901.)

Warships, cont'd.

Elliot (George). Paper ... read at the Society of Naval Architects, April 11th, 1867, on the speciality and classification of ships of war; and a discussion thereupon ... *London: J. Haddon & Co.*, 1867. 30 p. 8°.

Faut-il des cuirassés d'escadre? (Rev. de Paris. 1903, v. 1, pp. 221–237. *Paris*, 1903.)

Fearn (Richard Lee). The vitals of a battle ship. (Chautauquan. *Meadville, Pa.*, 1898. 8°. v. 27, pp. 467–473.)

Feo (V. de). Studio sulle navi di linea. (Riv. marittima. Anno 39 (1906), pp. 451–491. *Roma*, 1906.)

Field (C.) Considering the changes made in naval construction during the past twenty years, and in view of the experience gained during the China–Japanese and Spanish–American wars what are the best types of war vessels for the British navy, including armour, armament and general equipment for ships of all types? (Jour. Roy. United Service Inst. v. 44, pp. 843–883. *London*, 1900.)

Fighting ships. Founded and edited by Fred. T. Jane. v. 9. (1906.) *New York*, 1906. 8°.

Fitzgerald (C. C. P.) A design for a fast scout. (Jour. Amer. Soc. of Naval Engineers. v. 13, pp. 412–421. *Washington*, 1901.)

—— On the "lines" of fast cruisers. [Discussion.] 1 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 21–36. *London*, 1903.)

—— —— (Marine Engineering. v. 8, pp. 353–354. *New York*, 1903.)

—— The new scouts. [With discussion.] (Inst. of Naval Architects. Trans. v. 48, pp. 1–18. *London*, 1906.)

Fletcher (W. J.) The æsthetics of naval architecture. (Nineteenth Century and After. v. 52, pp. 292–304. *London*, 1902.)

Forbes (W. D.) Interchangeability of units in machinery. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 12, pp. 104–107. *Washington*, 1900.)

Fortschritte (Die) in der Entwicklung des Schiffspanzers und der Marine-Artillerie im Jahre 1903. (Mitteil. a. d. Gebiete d. Seewesens. v. 32, pp. 964–1001. *Pola*, 1904.)

Fournieur ( ). Criterium des navires à grandes vitesses. (Comptes rendus hebd. d. séances de l'Acad. d. sci. v. 139, pp. 964–967. *Paris*, 1904.)

Future (The) of the cruiser. (Engineering. v. 80, pp. 449–450. *London*, 1905.)

Germany.—*Marine Amt.* Bedingungen für die Anfertigung, Abnahme, etc. von Tauwerk sowie Vorschriften über zulässige Beanspruchung, Prüfung und Erhaltung in Gebrauch befindlicher Ketten und Ketten-Zubehörstücke für die kaiserliche Marine. *Berlin: E. S. Mittler & Sohn*, 1901. 2 p.l., 3–68 pp. pap., bds. 4°.

Gillmor (H. G.) Battleships of the United States navy. (Cassier's Maga. v. 21, pp. 473–487. *New York*, 1902.)

—— A brief comparison of recent battleship designs. [Discussion.] (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 145–164. *New York*, 1901.)

Gregoretti (Ugo). Corazze per navi. (Periodo 1897–1900.) (Rivista marittima. anno 36, trimest. 1, pp. 257–291; trimest. 2, pp. 271–297; anno 37, trimest. 2, pp. 33–57. *Roma*, 1903–04.)

Growth of the capital ship. (Blackwood's Maga. v. 179, pp. 577–596. *London*, 1906.)

Growth (The) of the cruiser. (Blackwood's Maga. v. 181, pp. 21–35. *London*, 1907.)

Guillaume (P.) Machines auxiliares en usage sur les batiments de la flotte. [Text 2 v., Plates 2 v.] *Paris: Challamel Ainé*, 1887–90. 4 v. 8° and f°. (École navale. Cours du Borda et de l'École d'Application supplement.)

Hart (E. H.) The authentic photographic views of the United States navy and scenes of the ill-fated Maine, before and after the explosion... also photographs of the leading Spanish men-of-war. *Chicago: W. B. Conkey* [1898]. 192 p. map. ob. 24°.

Haupt (H.) Letter...to Hon. John P. Hale ...on the subject of coast and harbor defenses, and armor for war vessels. [*Boston*, 1862?] 4 p. 8°.
Repr.: Boston Commercial Bulletin of April 26, 1862.

Hayward (E.) The sizes and lengths of riggings for all His Majesties ships and frigates... *London: P. Cole*, 1660. 5 p.l., 60 p. 4°.

Hichborn (Philip). Recent designs of battleships and cruisers for the United States navy. With discussion. 12 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 8, pp. 261–277. *New York*, 1900.)

—— Recent designs of vessels for the U. S. Navy. *n. p.*, [1895?] 14 p. 4°. (Trans. Soc. Naval Archi. and Marine Eng. Advance sheet, no. 7.)

Hopkins (*Sir* J. O.) Is a second-class or smaller battle-ship desirable? (Jour. Roy. United Service Inst. v. 46, pp. 657–675. *London*, 1902.)

Hollmann (D.) Staatssekretär a D. Hollman über die Schiffstypen. (Deut. Rev. Jahrg. 25, v. 1, pp. 257–263. *Stuttgart*, 1900.)

Hovgaard (William). The cruiser. [With discussion.] 4 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 103–144. *New York*, 1905.)

—— ——(Technology quarterly. v. 18, pp. 333–364. *Boston*, 1905.)

—— The sea-going battleship. [Discussion.] 3 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 73–106. *New York*, 1904.)

—— —— (Technology quarterly. v. 18, pp. 257–288. *Boston*, 1905.)

Hüllmann ( ). Ueber den Bau von Kriegschiffen. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1153–1159. *Berlin*, 1901.)

Hughes (Rupert). From ore to armor-plate. (Cosmopolitan. v. 28, pp. 405–413. *New York*, 1900.)

Hunier (J.) Du navire de combat: essai. *Paris: Berger-Levrault & Cie.*, 1892. vii, 80 p. 12°.

Hurd (Archibald S.) The modern battle-ship. The latest types of ships of the line. (Booklovers Maga. v. 5, pp. 745–759. *Philadelphia*, 1905.)

Warships, cont'd.

—— Warships of the great powers. A study of relative costs. (Cassier's Maga. v. 27, pp. 43–52. *New York*, 1904.)

Illustrations of modern ships of war, including specimens of some of the more recent foreign iron-clads. Reproduced...from "Lord Brassey's Naval Annual." *Portsmouth: Griffin & Co.*, 1889. 20 l., 16 pl. ob. 16°.

Inutilité des cuirassés pour la plupart des puissances maritimes. [Signed] D'Armor. (Marine française. sér. 3, année 17, pp. 368–376. *Paris*, 1904.)

Jane (Frederick T.) All the world's fighting ships illustrated. Portrait-details of over one thousand warships, with notes and other useful statistics. Also plans of all ships carrying vertical armour. *London: S. Low, Marston & Co.*, 1898. 223 pp. obl. 12°.

In English, French, German and Italian.

—— —— Corrections and addenda. no. 1, 1900. *London: S. Low, Marston & Co.*, 1900. obl. 12°.

—— —— 4th year. *London: S. Low, Marston & Co.*, 1901. obl. 12°.

—— Are 12-inch guns in battle-ships the best value for the weight entailed? A plea for ships designed to suit our strategical needs. (Jour. Roy. United Service Inst. v. 47, pp. 171–175. *London*, 1903.)

—— The classification of warships. (Engineer. v. 89, pp. 250–251. *London*, 1900.)

Jacques (William Henry). Modern armor for national defence, presenting practical information about material, method of manufacture, cost, development, tests and application, effects of fire, resistance of plates, and a comparison of the results that have been obtained at the most important competitive trials, together with statistics. *New York: G. P. Putnam's Sons*, 1886. 48 p., 1 pl. 2. ed. 12°. (Questions of the day. no. 32.)

King (James Wilson). Report...on European ships of war and their armament, naval administration and economy, marine construction and appliances, dock-yards, etc., etc. *Washington: Govt. Prtg. Office*, 1877. 213 p., 23 diagrs., 3 plans, 1 plate. 8°. (U. S. Navy Dept. 44. Cong., 2. sess. Senate ex. doc. 27.)

—— War-ships and navies of the world. *Boston*, 1881. 2. ed. 8°.

Kinkaid (T. W.) Compressed air on warships. (Cassier's Maga. *New York*, 1898. 8°. v. 15, pp. 67–74.)

Kretschmer (Otto). Gefechtswerte von Kriegsschiffen. *n. t.-p. Berlin: E. Grottke* [1904]. 22 p., 1 chart. 4°.

Repr.: "Schiffbau," Jahrg. 5, no. 18–21.

Kronenfels (J. F. von). Das schwimmende Flottenmaterial der Seemächte. Eine kurzgefasste Beschreibung der wichtigsten...Kriegschiffe der neueren und neuesten Zeit... *Wien: A. Hartleben*, 1881. vi, 1 l., 599 p. illus. 8°.

Langmaid (Joseph), *and* H. Gaisford. Elementary lessons in steam machinery and the marine steam engine, with a short description of the construction of a battleship. Compiled for...junior students...*London: Macmillan & Co.*, 1901. xvi, 291 p., illus., 2 pl. new ed. 8°.

Ledieu (Alcius), *and* E. Cadiat. Le nouveau matériel naval. *Paris: V. C. Dunod*, 1889–1890. 2 v. and atlas. 4°, and sq. f°.

Leland (Walter S.) The development of the modern battleship. (Tech. World. v. 1, pp. 237–243. *Chicago*, 1904.)

List of British and foreign ships. 38 plans. (Naval Annual. 1905, pp. 233–333. *Portsmouth*, 1905.)

M'Adoo (William). Launching of a battleship from the congressional ways. (North Amer. Rev. v. 174, pp. 182–200. *New York*, 1902.)

McFarland (Walter M.) Speed as an element of warship design. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 421–426.)

McKechnie (James). Propelling and ordnance machinery of warships. illus. (Engineering. v. 82, pp. 377–382; 429–432. *London*, 1907.)

Mahan (A. T.) The probability of the survival of the battleship. (Sun. New York. Wed., 11 May, 1904. p. 6, col. 5–7.)

Mahony (Daniel S.) Speed and coal-consumption curves. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 366–381. *Washington*, 1903.)

Makarof ( ). De l'uniformité des navires de guerre. (Rev. Maritime. *Paris*, 1898. 8°. v. 138, pp. 534–542.)

Manufacture of gun steel and armor plate. (Scientif. Amer. v. 89, pp. 427–430. *New York*, 1903.)

Manufacture (The) of guns and armor at the Bethlehem steel works. (Scientif. Amer. v. 82, pp. 312–313; 358–359; v. 83, pp. 24–25. *New York*, 1900.)

Marché d'entreprise pour la construction de divers bâtiments de guerre. *n. t.-p.* [*Paris*, 1893.] f°. (Ministère de la Marine et des Colonies.)

Martin de Brettes (Jean Baptiste). Étude sur les lois de la perforation des plaques de blindage en fer forgé par les projectiles de l'artillerie. *Paris: Le Spectateur militaire*, 1885. 80 p. 8°.

Massachusetts Charitable Mechanic Association. Report of the judges on new inventions and machines, at the tenth exhibition of the Mass. Charit. Mechanic Association on John Ridgeway's Vertical Revolving Battery. *Boston*, 1865. 8 p. 8°.

Meigs (J. F.) Late development in ordnance and armor. (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 201–213. *New York*, 1901.)

—— —— (Scientif. Amer. Suppl. v. 51, pp. 21700–21702. *New York*, 1901.)

Melville (George W.) The logical arrangement of the motive power of warships. (Jour. Amer. Soc. of Naval Engineers. v. 11, pp. 641–691. *Washington*, 1899.)

—— Disposition logique de la puissance motrice des batiments de guerre. (Rev. Maritime. v. 141, pp. 691–707; 142, pp. 595–609. *Paris*, 1899.)

—— The modern warship, as combining in itself the highest results of skill, ingenuity and scientific knowledge. (Jour. Franklin Inst. v. 149, pp. 123–138. *Philadelphia*, 1900.)

—— Motive power in warships. (Engineering. v. 67, pp. 434–435; 469–470. *London*, 1899.)

Warships, cont'd.

Millot (Stanislas). Aide-mémoire pour les travaux de force à l'usage des officiers de marine. (Rev. maritime. v. 156, pp. 433–524; v. 158, pp. 1584–1673. *Paris*, 1903.)

Modern (The) armor-clad. (Scientif. Amer. Suppl. v. 48, pp. 20018–20020. *New York*, 1899.)

Morant (Alfred William Whitehead). Sectional view of a first rate line of battle ship with screw propeller. Drawn by A. W. Morant. *n. t.-p. London: J. Reynolds* [1854]. 2 l., 1 pl., folded. 4°.

Morel-Fatio (Antoine Léon). La marine française et les marines étrangères illustrées par L. Morel-Fatio...Texte par Léon Renard...*Paris: Blaisot*, 1865. viii, 9–56 p., 44 pl. 4°.

Mullen (E. H.) The problem of battle-ship design. (Cassier's Maga. *New York*, 1899. 8°. v. 15, pp. 359–368.)

Murdock (J. B.) Torpedo tubes in battleships. [With discussion.] (Proc. U. S. Naval Inst. v. 29, pp. 547–568. *Annapolis*, 1903.)

Neudeck ( ). Die Bewaffnung von Kriegsschiffen. (Zeitschr. d. Vereines deutscher Ingenieure. *Berlin*, 1898. 4°. v. 42, pp. 404–411; 585–590; 657–662.)

New battleship designs. A powerful Russian design. (Internat. Marine Engineering. v. 7, pp. 251–258. *New York*, 1906.)

Niblack (A. P.) Tactical considerations involved in warship design. *n. p.* [1895?] 10 p. 4°. (Trans. Soc. Naval Archi. & Marine Eng. Advance sheet, no. 8.)

Nixon (Lewis). Marsden's American corn-pith cellulose...A most important element in our nation's navy defence...A lecture delivered at the Franklin Institute, Philadelphia, January 15, 1896 ...[*Philadelphia?* 1896?] 12 p. illus. 8°

Normand (J. A.) The size of battleships as a function of their speed. Translated from the "Bulletin de l'Association Technique Maritime," by Philip R. Alger. (U. S. Naval Inst. Proc. v. 33, pp. 125–132. *Annapolis*, 1907.)

Normand (J.-A.) The speed problem. (Amer. Soc. Naval Engineers. Jour. v. 9, pp. 29–41. *Washington*, 1897.)

Oldknow (A. C.) The mechanism of men-of-war; being a description of the machinery to be found in modern fighting ships. *London: G. Bell & Sons*, 1896. xii, 286 p., 1 pl. diagr., ill. 12°. (Royal Navy Handbooks, 2.)

O'Neil (Charles). Armour-plate making in the United States. (Cassier's Maga. v. 22, pp. 567–582. *New York*, 1902.)

—— The development of modern ordnance and armor in the United States. [Discussion.] (Soc. of Naval Architects & Marine Engineers. Transac. v. 10, pp. 235–271. *New York*, 1902.)

Orde-Browne (C.) Armour, as at present applied; and its behaviour in action. (Jour. Roy. United Service Inst. v. 45, pp. 130–140. *London*, 1901.)

Ozanne (N. P.) Marine militaire ou recueil des differens vaisseaux qui servent à la guerre... *Paris: Chereau* [1762]. 50 pl. f°.

Peabody (C. H.) Stability of a battleship under damaged conditions. (Scientific Amer. Suppl. *New York*, 1898. 8°. v. 46, pp. 19188–19189.)

Plans of British and foreign ships. plates 1–78. (Naval Annual, 1904, following page 322. *Portsmouth*, 1904.)

Pollexfen (W. M.) The unsinkable vessel of war. [*London?* 1860?] 8 pp., 4 pl. 8°.

Poundstone (Homer C.) Size of battleships for U.S. navy. (Proc. U.S. Naval Inst. v. 29, pp. 161–174. *Annapolis*, 1903.)

Proposed armament for our three latest battleships. (Proc. U. S. Naval Inst. v. 25, pp. 661–665. *Anapolis*, 1899.)

Protection of ships against torpedoes and Mines. (Engineer. v. 102, pp. 388–389. *London*, 1906.)

Ramsay (James S.) The colour of warships. (United Service Maga. v. 150 (n. s. v. 29.) pp. 25–30. *London*, 1904.)

Recacho (Fernando.) Armaduras de cubierta derivadas de la Poloneçau. (Mem. de ingen. d. ejercito. Año 58, v. 20, pp. 344–348; 373–377. *Madrid*, 1903.)

Reed (*Sir* Edward J.) On vessels constructed for service in our colonies and protectorates. [With discussion.] 1 tab. (Inst. of Naval Architects. Trans. v. 48, pp. 16–55. *London*, 1906.)

—— Our iron-clad ships; their qualities, performances, and cost; with chapters on turret-ships, iron-clad rams, &c. *London*, 1869. il. pl. 8°.

Reed (*Sir* E. J.), *and* E. Simpson. Modern ships of war . . . with supplementary chapters and notes by D. J. Kelley. *New York: Harper & Brothers*, 1888. x, 284 p. illus. 8°.

Robinson (*Sir* Robert Spencer). Observations on the steam-ships of the Royal Navy, considered with reference to their utility and power in time of war, in a letter to the...Earl of Auckland... *London: Saunders & Otley*, 1847. 56 p. 8°.

Rosset (G.) Della potenza delle navi corazzate e delle bocche da fuoco in relazione all' attacco e difesa delle coste. Con duo tavole. *Torino: C. Favale e Co.*, 1872. xiii, 125 p. 4°.

Roux (F. L.) Conservation des plaques des navires cuirassés et des coques en fer par l'application directe d'un doublage en cuivre. *Paris: A. Bertrand*, 1866. 2 p.l., 63 p., 2 pl. 12°.

Royal navy (The); in a series of illustrations. [Introduction by Francis Elgar, dated 1873.] *Portsmouth*, 1872. col. pl. 4°.

Ruggieri (A.) La protezione delle navi da guerra nel secolo xix. (Rivista marittima. anno 34, pp. 283–323. *Roma*, 1901.)

Rutgers (H.), S. L. Mitchill, *and* T. Morris. Report of...the commissioners, superintending the construction of a steam vessel of war, to the secretary of the navy. (Edinburgh Monthly Maga. *Edinburgh*, 1817. 8°. v. 1, pp. 30–33.)

Sadler (H. C.) The problem of building warships on the Great Lakes. 7 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 458–471. *Washington*, 1903.)

Sahib. La marine. Croquis humoristiques. Marines et navires, anciens et modernes. Ouvrage

Warships, cont'd.
illustré de 200 dessins dans le texte et de huit aquarelles hors texte. *Paris: Jouvet et Cie.*, 1890. 3 p.l., 148 p., 1 l. f°.

Saint-Pierre (Eugenio di). I tipi delle navi. (Nuova antologia. ser. 4, v. 90, pp. 263–277. *Roma*, 1900.)

Schuyler (R. & G. L.) [Drawings of war-ships and marine engines.] *n. t.-p.* [*New York*, 1846.] 6 pl. 8°.

Schwartz-Flemming ( ). Lebensläufe deutscher Kriegsschiffe. (Jahrb. f. d. deut. Armee u. Marine. *Berlin*, 1898. 8°. v. 109, pp. 284–306.)

Schwerer (A.) Le cuirassé n'a pas fait faillite. (Rev. maritime. v. 164, pp. 5–24. *Paris*, 1907.)

Sechi (Giovanni.) Tipi di navi corrazzate per la guerra di squadre e di crociera. (Rivista marittima. anno 34, pp. 5–19. *Roma*, 1901.)

Shepard (George H.) Battleships of the United States Navy. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 179–190.)

Ships. [Warships of all nations. Description, and steam trials.] (Amer. Soc. Naval Engineers. Jour. v. 1, pp. 175–181, 250–263, 349–360. *Washington*, 1889–date.)
Continued in each no. to date.

[**Ships** of the U. S. Navy. History, and description with illustrations.] (Scientific Amer. Navy supplement. *New York*, 1898. f°. v. 45, sup. pp. 1–40.)

Ships' armour. (Engineering. v. 69, pp. 483–484. *London*, 1900.)

Ships of war in action. (Engineer. *London*, 1898. f°. v. 86, pp. 269–270.)

Sigismondi (I.) Le corazze delle navi e l'interesse dello stato. (Rivista d'Italia. anno 9, (1906, v. 1) pp. 371–388. *Roma*, 1906.)

Signor (Matt. H.) A new type of battleship. (Proc. U. S. Naval Inst. v. 28, pp. 1–20. *Annapolis*, 1902.)

Speed (The) of the capital ship. (Blackwood's Maga. v. 180, pp. 435–451. *London*, 1906.)

Speed of men-of-war. By "Black Joke." (United Service Maga. v. 154 (n. s. v. 33), pp. 117–132. *London*, 1906.)

Steinman (G. S.) A letter to the Hon. S. Herbert on submarine steam propelling; with remarks upon the late government trials in H. M. steamer "Bee."...*London: J. Weale*, 1843. 16 p. 1 pl. 8°.

Stevens (Edwin Augustus). The Stevens battery; memorial to Congress; merits of the battery; opinions of experts. *n. p.* [1862] il. 8°.

Stevens (Robert Livingston, *and* E. A.) The Stevens battery. *n. p.* [1856?] il. 4°.

Stevens (The) Iron clad battery. *New York: D. Van Nostrand*, 1874. 3 p.l., 46 p., 1 plan, 8 pl., 1 port. 8°.

Stokes (Anson Phelps). Cruising in the Caribbean with a camera; lecture delivered...at the New York Yacht Club, including description of globular naval battery invented by the author. *New York: Dodd, Mead & Co.*, 1903. 46, 21 p., 1 map, 13 pl.

—— The Ultima—a globuloid naval battery. [With discussion.] 17 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 159–175. *New York*, 1905.)

Stuart (Charles B.) The naval and mail steamers of the United States. Illustrated with thirty-six fine engravings. *New York: C. B. Norton*, 1853. 216 p., 23 plans, 10 pl., 1 port. f°.

Tableaux des bâtiments de combat de la marine française d'après les types de chaudières. (Marine française. sér. 3, année 15, pp. 630–634. *Paris*, 1902.)

Taft (Harrison S.) A comparison of the contract prices of our naval vessels. With discussion. 13 pl. (Transac. Soc. Naval Architects and Marine Engineers. v. 8, pp. 197–220. *New York*, 1900.)

Tanif (Henry). La question de la vitesse pour les navires de combat. (Questions diplomat. & col. Année 9, pp. 615–626. *Paris*, 1905.)

Taylor (D. W.) Our new battleships and armored cruisers. 4 pl. (Proc. U. S. Naval Inst. v. 26, pp. 593–598. *Annapolis*, 1900.)

Tests of A. Cammell's 4-in. K. N. C. plate. (Engineer. v. 90, p. 117. *London*, 1900.)

Tests of armour-plates for the Japanese battleship "Asahi," constructed by Messrs. John Brown & Co., limited, Sheffield. (Engineering. *London*, 1899. f°. v. 67, p. 47.)

Thomas (T. H.) Comment on the new type of United States protected cruisers. (Marine Engineering. v. 6, pp. 86–90. *New York*, 1901.)

Tobell (J.) Über die Bestimmung der gegnerischen Geschwindigkeit. (Mittel. a. d. Gebiete d. Seewesens. v. 31, pp. 859–877. *Pola*, 1903.)

Treptow (W.) Der Wettstreit zwischen Geschütz und Panzer. (Dinglers polytechnisches Jour. v. 321, pp. 246–249; 276–279; 292–294; 309–312; 325–328; 375–378. *Berlin*, 1906.)

Tryon (J. R.) Naval architecture and sanitation. (Cassier's Maga. v. 18, pp. 129–145. *New York*, 1900.)

Tsoocolos (L.) L'armement des cuirassés futurs. Puissance défensive et offensive. (Rev. maritime. v. 163, pp. 173–183. *Paris*, 1905.)

Tupinier (Jean Marguerite), *baron*. Observations on the dimensions of the ships of the line and frigates in the French navy. Translated...by a British officer. *London: printed for private distribution*, 1830. xii, 120 p. 8°.

United States.—*Armor Factory Board.* Report of the Board with accompanying documents. *Washington: Govt. Prtg. Office*, 1897. v. p. pl. diagr. 8°. (Navy Dept.)

—— —— Same. (In: 55. Cong., 2 Sess., House doc. 95.)

—— *Fortifications...Board.* Report of the committee [on] ships of war, their armor, armament, and draught of water; also the navigable draught of entrances of the ports of the country. *Washington*, 1885. 132 p. 4°. (Committee No. 3.) (War Dept.)

—— *Naval Advisory Board.* [Report March 9, 1883, concerning the essential requisites to be introduced into the design of the 3,000 ton cruisers.] [*Washington*, 1883.] 2, 4 pp. pap. 8°.

Warships, cont'd.

—— —— [Report of the chairman of the Naval Affairs Committee relating to the construction of additional steel vessels for the Navy. 11. Feb. 1884.] *n. t.-p.* 26 p. 8°.

—— —— Memorandum to the Hon. Secretary of the Navy relating to the construction of additional steel vessels for the Navy. 20. Feb. 1884. *n. t.-p.* 15 p. 8°.

—— —— Report of the Naval Advisory Board on the mild steel used in the construction... of the Dolphin, Atlanta, Boston and Chicago... Prepared by R. Gatewood... *Washington: Govt. Prtg. Office*, 1886. 216 p., 26 pl., 2 tab. 8°. (Navy Dept.)

—— *Naval Affairs Committee.* Reconstruction of the navy. Views and opinions of certain officers of the navy, manufacturers of iron and steel ... as to the best mode of constructing vessels of war and the character of material and armaments best fitted for that purpose, submitted... Feb. 3, 1882. *n. t.-p.* [*Washington*, 1882.] 55 p. pap. 8°.

—— Same. (In: 47 Cong., 1. sess. H. rpt. 53. Appendix, in part.)

—— —— Report on S. 698 to authorize the construction of additional steel vessels for the Navy. Feb. 12, 1884. *n. t.-p.* 112 p. 8°. (48. Cong., 1 sess. S. Rpt. 161.)

—— *Navigation Bureau.* Papers and discussions on ships, guns, and armor. *Washington*, 1883. 119 p., 9 pl. 8°. (Naval Professional Papers, no. 15.)

—— —— Report of the chief of the bureau of navigation, recommending a reclassification of the vessels of the navy. December 4, 1900. *n. t.-p.* [*Washington*, 1900.] 3 p. 8°. (56 Cong., 2 sess. S. doc. 10.)

—— *Navy Department.* Report of the Secretary of the Navy, in relation to armored vessels. *Washington: Govt. Prtg. Off.*, 1864. xvi, 607 p. 8°.

—— —— Sheathing and coppering battle ships and armored cruisers. The views of the members of the Board on Construction, relative to the question of sheathing and coppering the three battle ships and the three armored cruisers authorized by the Naval Appropriation Act approved March 3, 1899. Feb. 10, 1900. *n. p.*, 1900. 38 p. 8°. (U. S. 56. Cong., 1 sess. Senate doc. 165.)

—— —— Circular defining the chief characteristics of two armored cruisers authorized by the act of Congress approved July 1, 1902. *n. t.-p.* [*Washington*, 1902] 16 p. 8°.

—— —— Circular defining the chief characteristics of three 16,000-ton battleships authorized by act of Congress approved March 3, 1903. *n. t.-p.* [*Washington*, 1903] 16 p. 8°.

—— —— Circular and specifications of the Navy Department concerning armor plate and appurtenances for vessels of the U. S. Navy. [Jan. 27, 1903.] *Washington: Govt. Prtg. Office*, 1903. 20 p. 12°.

—— —— Same. November 30, 1903. 21 p.

—— —— General information concerning, and ... value of, U. S. monitors Canonicus, Jason, Lehigh, Montauk, and Nahant, offered for sale in accordance with... the advertisement... January 12, 1904... [*Washington*, 1904.] 2 ff. nar. 12°.

—— *Ordnance and War Ships Committee.* Report of the select committee on Ordnance and War ships; with an appendix. *Washington: Govt. Prtg. Office*, 1886. xxx, 512 p., 11 pl. 8°.

—— —— Same. 49. Cong.. 1 sess. Sen. rpt. 90, in v. 1.

—— *Statutes.* A bill to enable the government to use the armor-making plant of the Bethlehem Iron Company for the manufacture of armor for the battleships Alabama, Illinois, and Wisconsin. Introduced in the Senate by Mr. Chandler, April 13, 1897. *n. p.* [1897] 4 p. 4°. (55. Cong., S, 1692.)

—— —— A bill to enable the government to use the armor-making plant of the Carnegie Steel Company, Limited, for the manufacture of armor for the battle ships Alabama, Illinois, and Wisconsin. Introduced in the Senate, by Mr. Chandler, April 13, 1897. *n. p.* [1897] 4 p. 4°. (55. Cong., S. 1693.)

—— —— A bill to increase the efficiency of the United States Navy, for a specially designed cruiser to be built and constructed with Painton's electrical system of multiple screw propellers, and so forth. Introduced in the Senate by Mr. Penrose, March 10, 1900. *n. p.*, 1900. 1 l. 4°. (U. S. 56. Cong., 1 sess., S. 3525.)

—— *Steam Engineering Bureau.* Instructions to commanding and engineer officers for the care and preservation of the steam-machinery of naval vessels. [*Washington*, 1879?] 3 p. 8°.

—— *War Claims Committee.* Atlantic Works of Boston, Mass. Report [on the bill for the relief of]. To accompany S. 1016. [*Washington*, 1898.] 12 p. 8°. (55. Cong., 2. sess. H. Repts. 528.)

United States (The) authorities and Krupp process armour. (The Engineer. *London*, 1898. f°. v. 85, pp, 371–372.)

Usborne (N. F.) "What is the relative value of speed and armament, both strategically and tactically, in a modern battle-ship, and how far should either be sacrificed to the other in the ideal ship?" (Roy. United Inst. Jour. v. 51, pp. 513–538. *London*, 1907.)

V (De Feo). Sulle nuove navi di linea. (Riv. marittima. Anno 40, 1907, pp. 5–16. *Roma*, 1907.)

Vallier (E.) Cuirassés et projectiles de marine. *Paris: Gauthier-Villars et Fils* [1897]. 188 p. 12°. (Encyc. scient. des aide-mémoire. Sect. de l'ingén.)

Vertical section through a United States battleship showing magazines, barbette and turret. (Sci. Amer. v. 92, p. 97 and 103. *New York*, 1905.)

Vigolo (U.) Costo delle navi che si construiscono nel R.R. Arsenali e sua relazione coi Capitoli del Bilancio. (Rivista marittima. Anno 36, pp. 65–75. *Roma*, 1903.)

Vignot ( ). Le navire de combat de l'avenir d'après l'école scientifique militaire de la marine moderne. (Marine française. année 14, sér. 3, pp. 549–556. *Paris*, 1901.)

—— Les prix de revient de batiments de guerre en France et en Angleterre. (Marine française. sér. 3, v. 12, pp. 661–673; v. 13, pp. 20–30; 110–120. *Paris*, 1899–1900.)

Warships, cont'd.

Villiers (E. C.) Considering the changes made in naval construction during the past twenty years, and in view of the experience gained during the Chino-Japanese and Spanish-American wars, what are the best types of war-vessels for the British navy, including armour, armament and general equipment for ships of all types? (Jour. Roy. United Ser. Instit. v. 44, pp. 719–757. *London*, 1900.)

Wainwright (Richard). A further argument for the big ship. (U. S. Naval Inst. Proc. v. 32, pp. 1057–1063. *Annapolis*, 1906.)

—— Modern ships of war. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 137–146.)

Walker (Asa). With reference to the size of fighting ships. (Proc. U. S. Naval Inst. v. 26, pp. 515–522. *Annapolis*, 1900.)

Walling (Burns T.) Electrical installations of the United States Navy. A manual of the latest approved material, including its use... management, and method of installation on board ship. (U. S. Naval Inst. Proc. v. 32, pp. 1398–1560; v. 33, pp. 243–378. *Annapolis*, 1906–07.)

Warship steam trials in 1903. (Engineering. v. 77, pp. 22–23. *London*, 1904.)

Warships and war [by a Canadian Officer]. (Canadian Maga. *Toronto*, 1898. 8°. v. 11, pp. 149–157.)

Warships with six propellers. Some early Russian types. (Cassier's Maga. v. 26, pp. 326–329. *New York*, 1904.)

Watts (*Sir* Philip). The ships of the Royal Navy as they existed at the time of Trafalgar. [With discussion.] 10 pl. (Transac. Inst. Naval Architecture. v. 47, pp. 285–315. *London*, 1905.)

—— Elswick cruisers. (Transac. Inst. of Naval Architects. v. 41, pp. 286–296. *London*, 1899.)

—— —— (Proc. U. S. Naval Inst. v. 25, pp. 669–676. *Annapolis*, 1899.)

—— —— (Engineers' Gaz. v. 13, pp. 226–228; 251–252. *London*, 1899.)

Welch (J. J.) A text book of naval architecture for the use of officers of the Royal navy. *London: Eyre & Spottiswoode*, 1901. 2 p.l., 242 p., 26 pl. 1 tab. Rev. ed. 4°.

White (W. W.) Coal consumption of U. S. cruisers Cincinnati, Raleigh, New Orleans and Albany. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 806–808. *Washington*, 1905.)

White (*Sir* William). Modern warships. (Cantor lectures.) (Jour. Soc. of Arts. v. 54, pp. 806–812; 833–839; 850–856; 866–871; 879–888. *London*, 1906.)

Whiting (W. H.) The effect of modern accessories on the size and cost of warships. [Discussion.] (Transac. Inst. Naval Architects. v. 45, pp. 1–20. *London*, 1903.)

—— —— (Jour. Amer. Soc. Naval Engineers. v. 15, pp. 350–365. *Washington*, 1903.)

Wilson (H. W.) The navies and naval construction programme of 1898. Present tendencies in design, armament, and marine engineering. (Engineering Maga. *New York*, 1898. v. 15, pp. 711–719.)

Woodward (J. J.) Methods of conducting speed trials. [With discussion.] (Transac. Soc. Naval Architects and Marine Engineers. v. 13, pp. 291–352. *New York*, 1905.)

—— —— (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 465–532. *Washington*, 1906.)

Zadok. Comparison of battleships. England, France, and Russia. (United Service Maga. v. 146 (n. s. v. 25), pp. 560–574. *London*, 1902.)

INDIVIDUAL SHIPS.

ARGENTINE REPUBLIC.

General Belgrano. The Argentine armored cruiser "General Belgrano." (Scientific Amer. Suppl. *New York*, 1898. 8°. v. 46, pp. 19199–19200.)

AUSTRIAN.

Babenburg. The Austrian battle-ship Babenburg. (Engineer. v. 94, p. 447. *London*, 1902.)

Erzherzog Karl. Die Neuen Schlachtschiffe der k. u. k. Kriegs-Marine Typ Erzherzog Karl. 2 pl. (Mitteil. a. d. Gebiete d. Seewesens. v. 31, pp. 849–859. *Pola*, 1903.)

—— Probefahrten S. M. Schiffe "Erzherzog Karl" und "Sankt Georg." (Mitteil. a. d. Gebiete d. Seewesens. v. 34, pp. 1–8. *Pola*, 1906.)

CROISEUR (un) protégé Austro-Hongrois. (Rev. tech. annales d. trav. pub. & d. chemins de fer & de l'automobilisme. v. 20, pp. 148–149. *Paris*, 1899.)

BRITISH.

Amphion. The commission of H.M.S. Amphion, Pacific station, 1900–1904. By G. C. Watson. *London: The Westminster Press*, 1904. 119 p., 8 pl., 1 port. 12°. (The Log series, no. 11.)

Andromeda. Log of H.M.S. Andromeda, 1904–1906, by A. C. Spooner. [*London: The Westminster Press*,] 1906. 5 p.l., 226 p., 3 l., 30 pl., 2 port. 12°. (The Log series, no. 24.)

Archer. The commission of H.M.S. Archer, Australian station, 1900–1904. By R. G. Byrn. *London: The Westminster Press*, 1904. 88 p., 8 pl. 12° (The Log series, no. 9.)

Arethusa. The log of H.M.S. "Arethusa," 1899–1903, by R. W. Hathaway. With an introduction by L. Yexley... *London: The Westminster Press*, 1903. 1 p.l., xvi, 1 l., 145 p., 3 pl. 12°. (The Log series, no. 1a.)

Argonaut. The log of H.M.S. Argonaut, 1900–1904, China station. By E. G. Anning, and F. J. Bentley, with an introduction by Lionel Yexley. *London: The Westminster Press*, 1904. 5 p.l., vi, 96 p., 1 map, 10 port. 12°. (The Log series, no. 7.)

DURSTON (*Sir* John). Trials of H.M.S. "Argonaut." (Engineering. v. 67, pp. 391–392; 432–434. *London*, 1899.)

Astræa. The log of the commission of H.M.S. "Astræa," on the Mediterranean and China stations. By T. H. Akers, Q.S. *London: The Westminster Press*, 1902. 134 p. 16°.

Bonaventure. The log of H.M.S. Bonaventure, Pacific and China stations. 1903–1906. By H. Breaks. *London: The Westminster Press*, 1906. 4 p.l., 120 p., 1 map, 12 pl. 12°. (The Log Series.)

Warships, cont'd.

Bulwark. The commission of H.M.S. "Bulwark," Mediterranean station, 1902–1905. By D. E. Whiteley & C. Davis. *London: Westminster Pr.*, 1905. 4 p.l., 195 p., 1 map, 10 pl., 1 port. 12°. (Log series, no. 22.)

Cæsar. The log of H.M.S. Cæsar, 1900–1903. Mediterranean station. By K. McLean, and P. M. Donald. With an introduction by Lionel Yexley. *London: The Westminster Press*, 1903. 8 p.l., x, 98 p., 1 map, 17 pl., 3 port. 12°. (The Log series, no. 6.)

Canada. The Fisheries cruiser Canada. (Engineer. v. 98, p. 203. *London*, 1904.)

Carnarvon. Steam trials of H.M.S. "Carnarvon." (Engineering. v. 79, pp. 340–343. *London*, 1905.)

Cochrane. H.M. cruiser "Cochrane." illus. (Engineer. v. 99, p. 545. *London*, 1905.)

Cumberland. The log of H.M.S. 'Cumberland' Second Cruiser Squadron, 1904–1906. By W. D. Curtis. *London: The Westminster Press*, 1907. 4 p.l., 119 (1) p., 1 l., 10 pl., 2 port. 12°. (The log series.)

Diana. The log of H.M.S. "Diana," Mediterranean station. 1904–1906. By H. Furneaux. *London: The Westminster Press*, 1907. 4 p.l., 111 p., 4 pl. 12°. (The Log series.)

Dominion. Steam trials of H.M.S. "Dominion." (Engineering. v. 78, pp. 607–608. *London*, 1904.)

Dreadnought. (Engineering. v. 81, pp. 187–189. *London*, 1906.)

ENGLISH (The) battleship Dreadnought. illus. (Internat. Marine Engineering. v. 11, pp. 461–463. *New York*, 1906.)

H. M. S. "Dreadnought." [By] Pompeius. (Fortnightly Rev. v. 85, (n. s. v. 79), pp. 883–894. *London*, 1906.)

Eclipse. The commission of H.M.S. Eclipse, Ch na station, 1901–1904. By S. E. Dunslow, and R. J. Jones. *London: The Westminster Press*, 1904 4 p.l., 132 p., 1 map, 8 pl. 12°. (The Log series, no. 18.)

Fox. The commission of H.M.S. "Fox," East Indies station, 1901–1904. By F. E. Nobbs...and W. T. Berger. *London: The Westminster Press*, 1904. 8 p.l., 295 p., 36 pl. 12°. (The Log series, no. 19.)

Glory. The commission of H.M.S. Glory, flag ship of commander-in-chief. China station, 1900–1904. By A. E. Butterworth. With an introduction by L. Yexley. *London: The Westminster Press*, 1904. 5 p.l, ix, 154 p., 1 map, 8 pl. 12° (The log series, no. 10,)

W. (A.)

Gunroom reminiscences of H. M. S. Glory. October, 1905–August, 1906. *Portsmouth: Griffin & Co.* [1907?] 4 p.l., 96 p., 3 pl. 12°.

Goliath. The log of H. M. S. Goliath, China Station, 1900–1903; by J. B. Brodie and A. F. Ray. With an introduction by L. Yexley. *London: The Westminster Press*, 1903. 7 p.l., x, 3 l., 145 p., 1 map, 20 pl., 1 port. 12°. (The "Log" series, no. 5.)

HACHEBET (M.) Le cuirassé anglais le "Goliath." (Génie civil. v. 34, pp. 300–301. *Paris*, 1899.)

Grafton. The commission of H. M. S. "Grafton," Pacific Station, 1902–1905. By Albert Newton. *London: The Westminster Press*, 1905. 4 p.l., 221 p., 15 pl. 12°. (The Log series, no. 21.)

Hyacinth. The log of H. M. S. "Hyacinth," Flagship, East Indies station, 1903–1906. By W. H. Tucker. *London: The Westminster Press*, 1906. 4 p.l., 160 p., 16 pl. 12°. (The Log Series.)

Implacable. The commission of H. M. S. Implacable, Mediterranean station, 1901–1904. By G. R. Parker ... *London: The Westminster Press*, 1904. 4 p.l., x, xvi, 106 p., 1 l., 1 map, 15 pl., 1 port. 12°. (The Log series. no. 16.)

Karrakatta. H. M. S. "Karrakatta," Australian station, re-commissioned, Sydney, 24th November, 1900. By R. A. Silk. *London: The Westminster Press*, 1904. 32, xvi, 6 p., 4 pl. 12°.

Lancaster. The commission of H. M. S. "Lancaster," Mediterranean Station. 1904–1906. By A. H. Tyler. *London: Westminster Press*, 1906. 5 p.l., 133 p., xvi, 1 diag., 1 map, 15 pl. 12°. (The Log series, no. 23.)

Minerva. Navy (Trials of H. M. S. "Minerva" and "Hyacinth"). Return "of the particulars of the recent sea trials ..." *London: Eyre & Spottiswoode, prtrs.* [1901] 14 p. pap. f°. (H. of C. pap. 310.)

Naiad. The commission of H. M. S. Naiad. 1901–1904. Cape, East-Indies, and Mediterranean Stations. By W. C. Coombes & J. B. Wilkie. *London: Westminster Press*, 1904. 5 p.l., xiv, 94, xvi p., 1 map., 16 pl. 12°. (The Log series, no. 14.)

Nymphe.

FLETCHER (W. J.) The "Nymphe" and the "Cleopatre." (Cornhill Maga. n. s. v. 10, pp. 503–514. *London*, 1901.)

Pelorus. The log of H. M. S. "Pelorus," North American, West Indies, and Cape Stations. 1904–1906. By E. A. Ricketts. *London: The Westminster Press*, 1907. 4 p.l., 110 p., 2 pl. 12°. (The Log series.)

Perseus. The commission of H. M. S. Perseus, East Indies, including Persian Gulf and Somaliland. 1901–1904. By A. Reeve. *London: The Westminster Press*, 1904. 4 p.l., 135 p., 16 pl. 12°. (The Log series, no. 12.)

Phaeton. The log of H. M. S. "Phaeton" 1900–1903, by G. T. Wilson. With an article: "Behind the scenes in a man-of-war," by L. Yexley ... *London: The Westminster Press*, 1903. 1 p.l., xii, 2 l., 85 p., 3 pl., 1 port. 12°. (The Log series. no. 2.)

Ramillies. The log of H. M. S. Ramillies, 1900–1903, by P. G. Herivel. With an introduction by L. Yexley. *London: The Westminster Press*, 1903. 7 p.l., xiv, 2 l., 167 p., 1 map, 9 pl., 3 port. 12°. (The Log series, no. 4.)

Renown. The commission of H. M. S. Renown, 1900–1904, Mediterranean service ... By C. Mitchell. With ... special articles by Tre-polpen. *London: The Westminster Press*, 1904. 5 l., 106, 4 p. 12°. (The Log series, no. 8.)

Warships, cont'd.

Repulse. The log of H. M. S. Repulse, 1902–1904, Mediterranean station. By J. Brown, with an introduction by Lionel Yexley. *London: The Westminster Press*, 1904. 5 p.l., vi, 142 p., 1 map, 8 pl. 12°. (The Log series, no. 6a.)

Retribution. The commission of H. M. S. Retribution; North American and West Indies station: 1902–1904 . . . By W. H. Watts. *London: The Westminster Press*, 1904. 4 p.l., viii, 193 p., 12 pl. 12°. (The Log series. no. 17.)

Royal Arthur. The commission of H. M. S. Royal Arthur, flag ship, Australian station, 1901–1904. By H. Callow. *London: Westminster Pr.*, 1904. 5 p.l., 170 p., 16 pl., 2 port. 12°. (The Log series, no. 13.)

Royal Sovereign. Log book of the Royal Sovereign, under Vice Admiral Ralph Delavall 1691–1693, operating against the French. About 60 ll. f°. Pigskin. Manuscript.

Sutlej. The log of H. M. S. "Sutlej," Pacific and China stations, 1904–1906. By G. H. Gunns. *London: The Westminster Press*, 1906. 4 p.l., 196 p., 16 pl. 12°. (The Log Series.)

Talbot. The commission of H. M. S. Talbot. 1901–1904. Including a full description of the Battle of Chemulpho, the sinking of the "Varyag," etc. as seen by the ship's company. By W. A. May, with an introductory article by L. Yexley. *London: Westminster Press*, 1904. 4 p.l., vii, 199 p., 1 map, 16 pl. 12°. (The Log series. no. 15.)

Terrible. The commission of H. M. S. "Terrible," 1898–1902. By G. Crowe, master-at-arms . . . *London: G. Newnes*, 1903. xvi, 1 l., 370 p., 2 maps, 3 plans, 46 pl., 5 port. 8°.

Triumph.

REED (*Sir* Edward J.) The battleships "Triumph" and "Swiftsure," late "Libertad" and "Constitucion." [Discussion.] 2 pl. (Transac. Inst. Naval Architects. v. 46, pp. 1–29. *London*, 1904.)

Victorious. The log of H. M. S. Victorious. 1899–1903, including that part of the commission in H. M. S. Revenge, by J. S. Reid and T. H. Pearce. With an introduction by A. White. *London: The Westminster Press*, 1903. 1 p.l., xxix, 153 p., 1 map, 10 pl., 2 port. 12°. (The Log series, no. 3.)

Wolf.

BILES (J. Harvard). The strength of ships, with special reference to experiments and calculations made upon H. M. S. "Wolf." [With discussion.] 10 pl. (Transac. Inst. Naval Architects. v. 47, pp. 80–115. *London*, 1905.)

CHILEAN.

Constitucion.

YARROW (H. E.) A description of some evaporative trials of one of the water-tube boilers for the Chilian ironclad "Constitucion." 3 pl. (Jun. Inst. of Engineers. Rec. of Transac. v. 13, pp. 182–188. *London*, 1904.)

Libertad. The Chilian battleship "Libertad." (Engineering. v. 77, pp. 71–72. *London*, 1904.)

DANISH.

Rasmussen (A.) Some steam trials of Danish ships. (Transac. Inst. of Naval Architects. v. 41, pp. 12–20. *London*, 1899.)

DUTCH.

Friesland. The machinery of the Dutch cruiser "Friesland." (Engineering. *London*, 1898. f°. v. 16, p. 11.)

FRENCH.

Chanzy. Engines of the French armoured cruiser "Chanzy." (Engineering. *London*, 1898. f°. v. 66, pp. 356–357.)

Fleurus. Le croiseur-torpilleur "Fleurus." [Signed,] Un mécanicien. (Marine française. Année 12, pp. 156–164. *Paris*, 1899.)

Gloire.

LE GUÉNIC (P.) Les croiseurs cuirassés "Gloire" et "Condé." (La marine française. Année 12, Sér. 3, pp. 439–442. *London*, 1899.)

Henri Quatre. A new type of battleship—The French Henri Quatre. (Engineer. v. 88, pp. 237–238. *London*, 1899.)

Iena.

FERRAND (Charles). Le désastre de l' "Iena." (Rev. d. Paris. 1907, v. 2, pp. 299–314. *Paris*, 1907.)

Infatigable.

HACHEBET ( ). Les remorqueurs "Infatigable" et "Taillebourg." 1 pl. (Génie civil. v. 34, pp. 357–360. *Paris*, 1899.)

Jeanne d'Arc.

WEYL (E.) Le croiseur-cuirassé la "Jeanne d'Arc." (La Nature. Année 27, Sem. 2, pp. 77–78. *Paris*, 1899.)

Republique. The French battleship Republique. (Engineer. v. 94, pp. 255–256. *London*, 1902.)

GERMAN.

Aegir.

POIDLOUE (Alfred). Essais de l' "Aegir," cuirassé allemand. (Revue maritime. *Paris*, 1898. v. 138, pp. 281–298. 8°.)

Kaiser Karl der Grosse.

FLAMM (Oswald). Stapellauf des Linienschiffs "Kaiser Karl der Grosse." (Stahl u. Eisen. Jahrg. 19, pp. 1045–1051. (*Düsseldorf*, 1899.)

König Wilhelm. German cruiser König Wilhelm Ersatz. (Engineer. v. 92, pp. 650–651. *London*, 1902.)

Zaehringen. German first-class battleship Zaehringen. (Engineer. v. 94, pp. 83. *London*, 1902.)

ITALIAN.

Benedetto-Brin: cuirassé italien de 1re classe. (Rev. maritime. v. 153, pp. 1001–1016. *Paris*, 1902.)

ITALIAN (The) first-class battleship Benedetto Brun. (Engineer. v. 95, pp. 389–390. *London*, 1903.)

Duilio. Documenti relativi alla nave Duilio. *Roma*, 1881. 4°. (Racc. Stamp. Cam. Sess. 1880–1. no. 24, 24 bis. Ministero della Marina.)

Warships, cont'd.

Regina Margherita. The Italian battleship "Regina Margherita." 1 pl. (Engineering. v. 78, pp. 716–717. *London*, 1904.)

MACHINERY of the Italian battle-ship Regina Margherita. 1 pl. (Engineer. v. 99, pp. 10–12. *London*, 1905.)

—— —— (Marine Engineer. v. 26, pp. 210–214. *London*, 1904.)

Varese.

PLUMERT (A.) Das italienische Schlachtschiff 2. Cl. Varese vom hygienischen Standpunkte betrachtet. (Mittheil. a. d. Gebiete d. Seewesens. v. 30, pp. 451–472. *Pola*, 1902.)

Vittorio Emanuele.

DAVIN ( ). Le cuirassé "Vittorio Emanuele. (Rev. maritime. v. 154, pp. 1147–1154. *Paris*, 1902.)

JAPANESE.

Kasagi. The Japanese protected cruiser "Kasagi." (Engineer. v. 87, pp. 306. *London*, 1899.)

Kasuga.

SOLIANI (N.) The armoured cruisers "Kasuga" and "Nisshin" of the Imperial Japanese navy. (Marine Engineer. v. 27, pp. 40–50. *London*, 1905.)

Niitaka. New Japanese cruisers Niitaka and Tsushima. (Engineer. v. 93, pp. 85, 90. *London*, 1902.)

RUSSIAN.

Bogatyr. Der Geschützte Kreuzer "Bogatyr" erbaut von der Stettiner Maschinenbau-A. G. Vulcan in Bredow. 3 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 47, pp. 1761–1769. *Berlin*, 1902.)

RUSSIAN (The) first-class cruiser "Bogatyr." 1 pl. (Engineering. v. 75, pp. 202–206; and 208–209; 310; 379–382. *London*, 1903.)

NEW Russian first-rate protected cruisers, improved Bogatyr type. (Engineer. v. 91, pp. 137. *London*, 1901.)

Borodino. Russian first-class battleships—Borodino class. (Engineer. v. 90, pp. 542 and 543. *London*, 1900.)

Kniaz Potemkin Tavritchesky. Russian battleship Kniaz Potemkin Tavritchesky. (Engineer. v. 92, pp. 551 and 553. *London*, 1901.)

Novik. The Russian warship Novik. (Engineer. v. 90, pp. 486–487. *London*, 1900.)

SPAIN.

Alfonso XIII.

PEREZ DE GUZMÁN (Juan). El nuevo buque de combate "Alfonso XIII." (España moderna. año 15, v. 172, pp. 123–148. *Madrid*, 1903.)

TURKISH.

Ismir. Die Türkischen Zollkreuzer "Ismir" und "Beyrouth." (Schiffbau. Jahrg. 7, pp. 101–105. *Berlin*, 1905.)

UNITED STATES.

Alabama. [Report concerning the progressive trials of the Alabama, Massachusetts and Kearsarge, held in Chesapeake Bay, November and December 1901.] 9 pl. (Jour. Amer. Soc. of Naval Engineers. v. 14, pp. 181–195. *Washington*, 1902.)

California.

DANFORTH (G. W.) U. S. S. California. Description and official trials. 1 pl. (Amer. Soc. of Naval Engineers' Jour. v. 19, pp. 1–20. *Washington*, 1907.)

Charleston.

REED (M. E.) U. S. S. Charleston. Description and official trial. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 754–805. *Washington*, 1905.)

Chattanooga.

WHITE (W. W.) The U. S. S. Chattanooga. General description—Standardization and official trials. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 104–122. *Washington*, 1905.)

Chesapeake. The United States new training ship "Chesapeake." (Engineering. *London*, 1898. f°. v. 66, pp. 820.)

Chester.

SICARD (W. F.) New scout cruisers Chester, Birmingham, Salem. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 263–280. *Washington*, 1905.)

Colorado.

POWELL (J. W.) The U. S. armored cruiser Colorado. 4 pl. (Trans. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 155–176. *New York*, 1904.)

SCRIBNER (E. H.) United States armored cruiser Colorado. Description of vessel. Official trial performance. 3 pl. (Jour. Amer. Soc. of Naval Engineers. v. 16, pp. 1118–1138. *Washington*, 1904.)

Connecticut. The launching of the U. S. battleship Connecticut... Details of the contest and description of the vessel and her equipment. (Iron Age. v. 74, no. 14, pp. 1–6. *New York*, 1904.)

Constitution.

COLORADO.—*Public Instruction, Supt. of.* Bulletin Constitution Day... *Denver: Smith-Brooks Print. Co.*, 1900. 6 l. 8°.

JARVIS (R.) A biographical notice of Com. J. D. Elliott; containing a review of the controversy between him and... Commodore Perry; and a history of the figure-head of the U. S. frigate Constitution... By a Citizen of New-York [*i. e.*, Russell Jarvis]. *Philadelphia: the Author*, 1835. 480 p. 12°.

HOLLIS (I. N.) The frigate Constitution the figure of the navy under sail. *Boston: Houghton, Mifflin & Co.*, 1900. x, 264 p., 29 pl., 3 port. 12°.

LODGE (Henry Cabot). A fighting frigate, and other essays and addresses. *New York: C. Scribner's Sons*, 1902. 4 p.l., 316 p. 8°.

SOLEY (John C.) The fight between the Constitution and the Java. *Boston: Houghton, Mifflin & Co.*, 1901. 20 p. 8°. (Military Historical Society of Massachusetts. Papers. v. 11, no. 5.)

Warships, cont'd.

STEVENS (B. F.) Isaac Hull and American frigate "Constitution." Letter accompanying picture presented to the Bostonian Society by B. F. S. February 11th, 1890. [*Boston*, 1890.] 22 p. 8°.

Denver.

HICHBORN (Philip). Designs for the "Denver class," sheath protected cruisers. 7 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 7, pp. 199–206. *New York*, 1899.)

—— —— (Scientif. Amer. Supp. v. 48, p. 20004. *New York*, 1899.)

PROTECTED cruisers of the Denver class for the U. S. Navy. (Marine Engineering. v. 5, pp. 240–246. *New York*, 1900.)

Dubuque.

LITTLE (W. N.) U. S. gunboats Dubuque and Paducah. 3 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 589–629. *Washington*, 1905.)

Florida.

MORITZ (Albert.) The official trial of the U. S. S. Florida. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 546–577. *Washington*, 1903.)

Fulton.

HASWELL (Charles H.) U. S. Steamer Fulton —her design, construction and capacity. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 422–424.)

Galveston. The U. S. S. Galveston. General description—standardization, official and endurance trials. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 678–695. *Washington*, 1905.)

Gloucester. Log of the United States gunboat Gloucester, commanded by Lt.-Commander Richard Wainwright; and the official reports of the principal events of her cruise during the late war with Spain. *Annapolis: U. S. Naval Institute*, 1899. 188 p., 5 pl., 1 port. 8°.

Iowa.

STAHL (Albert W.) An experimental test of the armored side of U. S. S. Iowa. *n p.* [1895?] 10 p., 4 pl., 1 plan. 4°. (Trans. Soc. Naval Archi. & Marine Eng. Advance sheet, no. 12.)

Kansas.

LEAVITT (William Ashley). U. S. S. Kansas; description and official trials. 5 pl. (Amer. Soc. Naval Engineers. Jour. v. 19, pp. 430–479. *Washington*, 1907.)

Kearsarge. The Electric plants of the battleships Kearsarge and Kentucky. (Electr. World & Engineer. v. 34, pp. 813–818. *New York*, 1899.)

ELECTRICAL features of the United States battleship Kearsarge. (Electr. Rev. v. 35, p. 197. *New York*, 1899.)

LAUNCH of the United States battleships Kearsarge and Kentucky. (Marine Engineering. *New York*, 1898. 4°. v. 2, no. 5, pp. 1–6.)

OUR latest battleship, "The Kearsarge." (Scientif. Amer. v. 81, pp. 33 and 39. *New York*, 1899.)

PRICE (Claude B.) Contract trial of the United States seagoing battleship Kearsarge. 3 plans, 4 pl. (Jour. Amer. Soc. of Naval Engineers. v. 11, pp. 823–850. *Washington*, 1899.)

Kentucky.

WEBSTER (Harrie). Contract trial of the United States battleship Kentucky. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 12, pp. 1–24. *Washington*, 1900.)

Louisiana.

BOWEN (A. F.), *and* H. B. GREGORY. Contract trial performance of the United States battleship Louisiana. (Internat. Marine Engineering. v. 11, pp. 165–174. *New York*, 1906.)

CRANK (R. K.) The U. S. Battleship Louisiana. Description and trials. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 171–226. *Washington*, 1906.)

Maine.

BUCKNILL (J. T.) The destruction of the United States battle-ship "Maine." (Engineering. *London*, 1898. f°. v. 65, pp. 650–651, 687–691, 716–717, 752–754, 782–783.)

BUCKNIL (F. T.) La destrucción del acorazado americano "Maine," y la carta de Mr. E. F. Phelps...al Mr. Levi P. Morton. 1 pl. (Revista general de marina. Supplemento. *Madrid*, 1898. 8°. v. 43, pp. 3–64.)

EXPLOSION del "Maine." Conclusion fiscal del expediente español. (Rev. general de Marina. *Madrid*, 1898. 8°. 42, pp. 788–799.)

JANE (Fred. T.) The "Maine" disaster and after. The naval positions of Spain and the U. S. (The Fortnightly Rev. *London*, 1898. 8°. v. 69 (n. s. v. 83), pp. 640–649.)

REPORT, [favorable] from the Committee on Naval Affairs, in relation to the resolution providing for the erection of bronze tablet in Statuary Hall, commemorative of officers and men of the United States navy, who perished in the loss of the battle ship Maine, in the harbor of Habana, February 15, 1898. Mar. 1, 1898. 2 p. 8°. (55. Cong., 2. sess. Sept. 631.)

SIGSBEE (C. D.) The "Maine;" an account of her destruction in Havana harbor... personal narrative. *New York: The Century Co.*, 1899. xiv, 1 l., 270 p., 2 facsim., 37 pl., 9 port. 8°.

—— Personal narrative of the "Maine." (Century Maga. *New York*, 1898. 8°. v. 57, pp. 74–97, 241–263, 373–394.)

SPANISH Naval Board of Inquiry as to the cause of the destruction of the United States battleship Maine. Report. Pls. Plans. (55. Cong., 2. sess. Senate Report of the Committee on foreign relations relative to affairs in Cuba. pp. 565–636. *Washington*, 1898.)

Warships, cont'd.

UNITED STATES. "*Maine*" *Court of Inquiry.* Record of the proceedings of a Court of Inquiry convened to inquire into the loss of the U. S. B. S. Maine, in the harbor of Havana, Cuba, on the night of Feb. 15, 1898. *Washington: Govt. Prtg. Office,* 1898. 307 p., 21 pl., 2 plans. 8°. (55. Cong., 2, sess., Sen. doc. 207.)

—— *Navigation, Bur. of.* Report of the Chief of the Bureau...as to number of human lives lost by the sinking of the U. S. battle ship Maine, in Havana Harbor, Cuba, February 15, 1898, etc. [*Washington,* 1898?] 2 pp. 8°. (55. Cong., 2. sess., S. doc. no. 231.)

—— *Statutes.* A bill for the relief of the sufferers by the wreck of the United States Steamer Maine. Introduced in the House by Mr. Bodine, Feb. 18, 1898. 3 p. 4°. (55. Congr. H. R. 8355.)

—— —— A bill for the purchase of a battle ship to replace the...Maine. Introduced in the House by Mr. W. T. Foote, *jr.,* Feb. 18, 1898. [*Washington,* 1898.] 1 l. 4°. (55. Cong. H. R. 8348.)

—— —— A bill for the relief of the sufferers by the destruction of the United States steamer Maine, in the harbor of Habana, Cuba. Introduced in the House by Mr. Boutelle, Feb. 24, 1898. [*Washington,* 1898.] 4 p. 4°. (55. Cong. 2. Sess. H. R. 8618.)

—— —— Same. An act. In the Senate. Mch. 22, 1898.

—— —— A bill providing for the proper burial of the bodies of the victims of the Maine disaster. Introduced in the House by Mr. McClellan, March 9, 1898. [*Washington,* 1898.] 2 p. 4°. (55. Cong. H. R. 9007.)

—— —— Resolution [directing the Committee on Foreign relations to report what action, if any, in view of the loss of the battle ship Maine, is required from the Congress of the United States to sustain and vindicate the honor and dignity of this nation]. April 4, 1898. 1 l. 4°. (55. Cong. S. Resolution 331.)

—— —— A bill providing for raising the battle ship Maine. Introduced in the House by Mr. Grout, Apr. 4, 1898. [*Washington,* 1898.] 1 l. 4°. (55. Cong. H. R. 9699.)

—— —— Resolution [directing the Secretary of the Navy to inform the Senate of the total number of lives lost by the sinking of the battle ship Maine, February 15, 1898, the total number of bodies rescued, etc.]. April 4, 1898. 1 l. 4°. (55. Cong. S. resolution, 333.)

—— —— Joint resolution authorizing the secretary of the navy to have a monument erected in Havana, Cuba, to the memory of the sailors and marines who lost their lives by the explosion of the United States steamship Maine and are there buried. February 4, 1899. 1 l. 4°. (55. Cong. S. R. 187.)

Maine.

POWELL (J. W.) The preliminary official trial of the U. S. battleship Maine. (Soc. of Naval Architects & Marine Engineers. Transac. v. 10, pp. 43–58. *New York,* 1902.)

NEW (The) U. S. battleship "Maine." 1 pl. (Engineering Rec. *New York,* 1898. f°. v. 40, pp. 315–316.)

Maryland.

SMITH (W. Strother). United States armored cruisers West Virginia and Maryland. 4 pl. (Jour. Amer. Soc. Naval Engineers. v. 17, pp. 59–84. *Washington,* 1905.)

Mississippi.

UNITED STATES.—*Navy Department.* Circular defining the chief characteristics of two 13,000-ton battleships—no. 23, Mississippi, and no. 24, Idaho—authorized by act of Congress approved March 3, 1903. [November 7, 1903.] [*Washington,* 1903.] 15 p. 8°.

Nevada.

NEWELL (W. S.) Contract trial of U. S. monitor Nevada. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 105–110. *Washington,* 1903.)

Ohio.

BABCOCK (J. F.) U. S. battleship Ohio. Description of vessel.—Official trial performance. 2 pl. (Jour. Amer. Soc. of Naval Engineers. v. 16, pp. 1027–1059. *Washington,* 1904.)

Olympia.

ROBERT (William P.) Repairs and alterations to the U. S. S. Olympia. (Marine Engineering. v. 7, pp. 153–163. *New York,* 1902.)

Oregon.

BEARDSLEE (L. A.) The trial of the Oregon. (Harper's New Monthly Maga. *New York,* 1899. 8°. v. 98, pp. 699–707.)

KING (Charles A. E.) Recent performances of the U. S. S. Oregon. (Jour. Amer. Soc. of Naval Engineers. *Washington,* 1898. 8°. v. 10, pp. 621–626.)

Pennsylvania.

KENNEY (Lewis Hobart). The U. S. S. Pennsylvania. 4 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 1–41. *Washington,* 1905.)

Rhode Island.

EDWARDS (Chas. B.), *and* RALPH L. LOVELL. U. S. battleship Rhode Island. Descriptions.—Official trial. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 1–21. *Washington,* 1906.)

Tennessee.

KENNEY (Lewis Hobart). U. S. armored cruiser Tennessee. 2 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 385–464. *Washington,* 1906.)

Warships, cont'd.

Terror.

KINKAID (T. W.) The U. S. S. "Terror" and the pneumatic system as applied to the guns, turrets and rudder. 4 pl. (Amer. Soc. Naval Engineers. Jour. v. 9, pp. 14–28. *Washington*, 1897.)

Vermont.

U. S. S. Vermont. Description and official trial. (Amer. Soc. of Naval Engineers. Jour. v. 19, pp. 159–195. *Washington*, 1907.)

Virginia.

BOWEN (A. F.), *and* A. F. GREGORY. Trial performance of the United States battleship Virginia. (Marine Engineering. v. 11, pp. 83–89. *New York*, 1906.)

CONTRACT trials of U. S. battleship Virginia. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 163–170. *Washington*, 1906.)

GARDINER (C. A.) U. S. battleship Virginia. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 1113–1132. *Washington*, 1905.)

UNITED STATES battleship Virginia. 1 pl. (Marine Engineering. v. 9, pp. 250–259. *New York*, 1904.)

West Virginia.

SMITH (W. Strother). United States armored cruisers West Virginia and Maryland. 4 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 59–84. *Washington*, 1905.)

Wyoming.

BUSH (W. W.) Contract trial of the U. S. S. Wyoming. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 83–104. *Washington*, 1903.)

Yachts and Yachting.

Includes also Small Boat Sailing.

Aldridge (Arthur F.) The costliest of sports. The enormous sums spent yearly in yachting. (Munsey. v. 25, pp. 505–515. *New York*, 1901.)

American Yacht Club. Constitution, by-laws, certificate of incorporation and rules. 1883, '85, '97, '99, 1901, 1904. *New York*, 1883–1904. 16°.

American (The) Yacht list... Register of the yacht clubs of the United States and British provinces, with... fac-similes... of club pennants. . 1884–85, 87–89, 91–93, 94 with suppl., 95, 96[1-2], 97[2]. *New York: T. Manning*, 1884–96. ob. 24° and 12°.

1884 compiled by N. Olsen.
Continued as Manning's yacht register.

American Yachtsman (The). v. 1. *New York*, 1887. f°.

Aquatic Monthly and Nautical Review. v. 1; v. 7, no. 5. *New York*, 1872–76 8°.

Atlantic Yacht Club. [Manual.] 1895–99, 1902–1904. [*New York*, 1905]–1904. 16° and 24°.

Atlantic Yachting Club, New York. Special racing rules, 1898. [*New York*, 1898.] 31 p. 24°.

Barnett (J. R.) Steam Yachts: some comparisons. [With discussion.] 2 pl. (Inst. of Naval Architects. Trans. v. 48, pp. 207–216. *London*, 1906.)

—— Typical forms of racing yachts. (Engineers' Gaz. v. 14, p. 78. *London*, 1900.)

Bedart (G.) Manuel pratique du yachtsman. *Paris: E. Bernard & Cie.*, 1900. 2 p.l., 273, 273–288 (a, b, c,), 289–563 p., 2 pl. 8°. (Bibliothèque de l'union des yachts française.)

Belknap (F. W.) Measurement rules for yachts, with special reference to racing conditions. (Marine Engineering. v. 7, p. 630. *New York*, 1902.)

Berryman (John B.) Yachting on the Great Lakes. (Outing. v. 36, pp. 11–17. *New York*, 1900.)

Betcke (G.) S. M. Rennyacht "Meteor." (Deutsche Techniker-Zeitung. Jahrg. 23, pp. 149–153. *Berlin*, 1906.)

Beverly Yacht Club. Annual. 1904–05. *Boston*, 1904–05. 16°.

—— Constitution... with the by-laws, sailing regulations, etc. 1874, 1888, 1893, 1897–1899, 1902–1903. *Boston*, 1874–1903. 24°.

Biddle (Tyrrel E.) Hints to beginners in amateur yacht designing, with lines for a single handed cruiser, and a 5 to 10 ton cutter or yawl. *London: Norie & Wilson*, 1883. 1 p.l., 19 p., 3 plans. illus. 8°.

Biscayne Bay Yacht Club, Biscayne, Florida. Constitution, by-laws, sailing regulations, etc. 1892. *New York*, 1892. 16°.

Boston (Mass.)—*City Council.* A testimonial to Charles J. Payne and Edward Burgess from the city of Boston, for their successful defence of the America's cup. *Boston:* [*Rockwell and Churchill, prtrs.*,] 1887. 159 p., 1 diagr., 12 pl. 4°.

Boston Yacht Club. [Officers, standing committees, by-laws, etc.] 1904. *Boston*, 1904. 16°.

Brett (E.) Notes on yachts. (Series 1.) *London: S. Low, Son & Marston*, 1869. 3 p.l., 132 p., 1 pl. 12°.

Brooklyn Yacht Club. Rules and Regulations, 1859. *New York*, 1859. 24°.

—— Constitution and by-laws. *New York*, 1861. 25 p. 12°.

—— Charter, constitution and by-laws. *New York*, 1864. 30 p. 12°.

—— Annual regatta. 38th (1895). *Brooklyn*, 1895. 4°.

Burgess (Edward). American and English yachts... with a treatise upon yachts and yachting. ...*New York: C. Scribner's Sons* [cop. 1887]. 3 p.l., 14 p., 51 l., 50 pl. ob. 4°.

Cat (The) book containing the designs and plans of twelve cat-rigged yachts. *New York: Rudder Pub. Co.*, 1903. 52 p., 2 pl. illus. f°.

Catus (Jules de), *baron.* Construction pratique des bateaux de plaisance et yachts. *Genève: H. Georg*, 1890. 2 p.l., 138 p., 7 pl. illus. 8°.

Cercle de la Voile de Paris. Annuaire 1880. [*Paris*,] 1880. 12°.

Chapman (Carlton T.) On a racing yacht. (Outing. v. 42, pp. 397–412. *New York*, 1903.)

Yachts and Yachting, cont'd.

Chapman (H. C.) The laws of dynamics applicable to yacht building . . . with suggestions for the improvement of the masting and sparring of yachts. *London: C. Wilson*, 1851. ix, 26 p. 12°.

Chevreux (C. M.) Traité de la construction des yachts à voiles. *Paris: E. Bernard & Cie.*, 1898. 2 v. 8° and 4°. (Bibliothèque de l'union des yachts français.)

Clark (Arthur H.) The history of yachting, 1600–1815. Published . . . by direction of The New York Yacht Club. *New York: G. P. Putnam's Sons*, 1904. xv, 249 pp., 65 pl. 8°.

Clerc-Rampal (G.) De l'utilité de la marine de plaisance pour le développement de la puissance maritime. Mémoire primé au concours de la marine de plaisance (prix Glandaz) organisé par la Ligue maritime française. *Paris: Journal de la marine Le Yacht*, 1905. 32 p. 8°.

Club flags and private signals of yacht owners, with names of yachts and owners; from Manning's Yacht register, 1897–1903. *New York*, 1897–1903. ob. 8°.

Coffin (Roland F.) The America's Cup, how it was won by the yacht America in 1851 and has been since defended. *New York: C. Scribner's Sons*, 1885. viii, 155 p., 14 pl. 12°.

"Columbia" and "Shamrock," a comparison. (Scientif. Amer. v. 81, pp. 106–108. *New York*, 1899.)

Cook (George Crouse). Yacht design. [*New York*, 19— ?] 15 p. nar. 24°.

Cooper (William). *See* Vanderdecken.

Cox (Irving). American steam yachts. 4 pl. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 393–403.)

Crane (Clinton H.) Some thoughts on the design of modern steam yachts. [With discussion.] 5 pl. (Soc. Naval Architects and Marine Engineers. Transac. v. 11, pp. 57–65. *New York*, 1903.)

Crowninshield (B. B.), Boston. Marine directory & annual catalogue of yachts for sale & charter. 1904–1906. *Boston*, 1904–6. illus. 8°.

Cup (The) challenger "Shamrock." (Scientif. Amer. v. 80, p. 396. *New York*, 1899.)

Daimler Manufacturing Co. Marine Department .. [Catalogue of yachts and launches. *New York, the company, cop.* 1899.] 56 p., 1 l., illus. ob. 12°.

Damant (H. C.) About the "America" cup. (Nautical Maga. v. 68, pp. 242–247. *London*, 1899.)

Damant (H. G.) Amateur Yachting. (Naut. Maga. *London*, 1898. 8°. v. 67, pp. 97–101; 183–187; 265–269; 345–349.)

Daryl (Philippe); *pseud. of* P. Grousset, q. v.

Davis (Charles Gerard). How to design a yacht. *New York: The Rudder Pub. Co.*, 1906. 108 p. illus. 4°.

Day (Robert). Old Cork Yacht Club. (Jour. Cork Hist. & Archæol. Soc. v. 3, pp. 125–126. *Cork*, 1894,)

Day (Thomas Fleming). On yachts and yacht handling. *New York: Rudder Pub. Co.*, 1901. 5 p. l., 13–192 p. 16°. (Rudder on series.)

Diagonal White. *See* **White** (Diagonal).

Dufferin (5. *earl*), F. T. H. T. B. Dufferin. A yacht voyage. Letters from high latitudes. Being some account of a voyage in the schooner yacht "Foam," 85 O. M., to Iceland, Jan Mayen, & Spitzbergen, in 1856. *Boston: Ticknor & Fields*, 1859. 406 p. 12°.

Durand (W. F.) Description of the steam yacht Ellide and her speed trials. (Marine Engineering. *New York*, 1898. 4°. v. 2, pp. 1–13.)

Eastern Yacht Club. Annual. 1876, '80, '83–'84, '86–'89, '97–98, 1900–1903. *Boston*, 1876–1903. 24°.

—— Sailing regulations. [*Boston*, 1890 ?] 11 p. 16°.

[**Eleven** thousand five hundred and six] 11,506 knots in the "Sunbeam" in 1883: Malta, Gibraltar, West Indies, Bermudas and Azores. [*London: Spottiswoode & Co.*,] 1884. 56 p., 1 diagr., 1 map. 8°.

English (V. J.), *compiler*. Navigation for yachtsmen. A concise treatise on navigation and nautical astronomy, illustrating the most modern methods, and especially designed for the use of yachtsmen. *London: H. Cox*, 1896. xvi, 342 p., 10 pl., 2 maps. 8°.

Fairburn (William A.) Consideration of the steam yacht from the designer's point of view. (Marine Engineering. v. 4, pp. 142–144, 208–210; v. 5, pp. 8–9. *New York*, 1899.)

Fisher (Herbert). How to build a model yacht. [With How to sail a model yacht, by F. Nichols.] *London: Rudder Pub. Co.*, 1902. 25 p., 12 l. f°. (Rudder how-to series.)

Fitzgerald (C. C. P.) Boat sailing and racing. Containing practical instructions for handling boats under all circumstances. Descriptions of some interesting and instructive foreign rigs. Also some useful hints on racing, with a view to winning. *Portsmouth, Eng.: Griffin & Co.*, 1900. 158 p. [3. ed.] 16°.

Folkhard (H. C.) The sailing boat ... practical instructions in ... management, also one-design and restricted classes ... foreign and colonial boats, canoes, &c., &c. *London: E. Stanford*, 1901. xix, 555 p. 5. ed. sq. 4°.

Forbes (R. E.) A discursive sketch of yachting forty and more years ago. *Boston*, 1888. 12°.

Froude (R. E.) Yacht racing measurements rules, and the International Conference. [With discussion.] (Inst. of Naval Architects. Trans. v. 48, pp. 56–81. *London*, 1906.)

Gas Engine & Power Co., and Charles L. Seabury & Co., consolidated. The only naptha launch; high speed...steam yachts and launches...1897–99. *New York*, 1897–99. illus. obl. 16°.

—— High speed and cruising steam yachts and launches...business craft of all kinds ... safety water-tube boilers...also marine engines... *New York* [1897 ?]. 1 p.l., 5–68 p. illus. sq. 4°.

Goodwin (E.) Shape and speed. The evolution of the racing yacht from the America to Sham-

Yachts and Yachting, cont'd.

rock II. (Harmsworth Maga. v. 7, pp. 129–136. *London*, 1901.)

Gravesend Bay Yacht Club of Bensonhurst, L. I., N. Y. Constitution, by-laws, and sailing regulations. 1896. *New York*, 1896. 16°.

Great South Bay Yacht Club. Time allowances, racing and sailing rules. *New York*, 1890? 20 p. 24°.

Grosvener (E. M.) Narrative of a yacht voyage in the Mediterranean during the years 1840–41. *London: J. Murray*, 1842. 2 v. 8°.

Grousset (P.), PHILIPPE DARYL, *pseud.* Le yacht: histoire de la navigation maritime de plaisance. *Paris* [1890]. 4°.

Hackstaff (John D.), WARREN H. MILLER, *and* WALDO LUNGER. Efficiency of the twin-screw steam-yacht Sovereign. (Stevens Inst. Indicator. v. 16, pp. 129–137; 377–396. *Hoboken*, 1899.)

Haight (Robert S.) Analysis of the speed trial of the twin-screw steam yacht Sovereign by D. W. Taylor's method of trial analysis. (Stevens Inst. Indicator. v. 17, pp. 131–144. *Hoboken*, 1900.)

Hart (J. C.) The romance of yachting. Voyage the first. *New York*, 1848. 12°.

Henderson (W. J.) Influence of the America's cup on designing. (Outing. v. 38, pp. 508–512. *New York*, 1901.)

—— Sailing. (Atlantic Monthly. v. 90, pp. 43–52. *Boston*, 1902.)

Hepworth (G. H.) Starboard and port: the "Nettie" along shore. *New York*, 1876. illus. map. 12°.

Hunt's Universal Yacht List. [3,] 50–59. annual issue (1850, 1897–1906). *London*, 1850–[1906]. obl. 32°.

Hunt's Yachting Magazine. v. 1–20 (1852–71); v. 26, no. 10 (1877). *London*, 1852–77. 8°.

Ilgenstein (E.) Die Yachtwerft von Max Oertz in Neuhof bei Hamburg. (Ueberall. Jahrg. 4, pp. 960–963. *Berlin*, 1902.)

Ingraham's United States Yachting Directory. 1903–1905. *Bristol. R. I.*, 1903–05. 12°.

Kelley (J. D. J.) Ship's company and other sea people. *New York: Harper & Brothers*, 1897. x, 222 p., 48 pl. illus. 8°.

Kemp (Dixon). An exposition of yacht racing rules; customs and practices observed in match sailing... *London: H. Cox*, 1898. x, 121 p. 12°.

—— Manual of yacht and boat sailing. *London*, 1878. 1 pl. illus. 4°.

—— —— *London*, 1895. 8. ed. xii, 732 p., 124 pl. illus. 4°.

—— —— Revised and partly rewritten by B. H. Smith. *London: H. Cox*, 1900. 9. ed. xii, 667 p., 124 pl. illus. 4°.

—— Dixon Kemp's manual of yacht and boat sailing. Edited by B. Heckstall-Smith. [Text and plates.] *London: "Field" Office*, 1904. 10. ed. 2 v. 4°.

—— Yacht architecture: a treatise on the laws which govern the resistance of bodies moving in water; propulsion by steam and sail; yacht designing, and yacht building. 2. ed. *London: H. Cox*, 1891. 4°.

—— —— *London: H. Cox*, 1897. 3 v. 3. ed. 4°.

—— Yacht designing: a treatise on the practical application of the scientific principles upon which is based the art of designing yachts; illustrated with numerous drawings of celebrated yachts. *London*, 1876. 8°.

Kenealy (Ahmed John). Boat sailing in fair weather and foul. 2. ed. 182 p. illus. *New York: Outing Publishing Co.* [1896] nar. 12°. (Outing Library of Sport.)

—— Yachting wrinkles, a practical and historical handbook of valuable information for the racing and cruising yachtsman. *New York: Outing Publishing Co.* [cop. 1899] 312 pp. illus. 12°. (Outing Library of Sport.)

Knight (Edward Frederick). Small-boat sailing... *New York: E. P. Dutton & Co.*, 1901. xi, 297 p., 2 pl. 8°.

Kroman (K.) Some remarks regarding the measuring and the time-allowance questions for racing yachts. *Copenhagen: A. F. Höst & Son* [1905]. 51 p. 8°.

Kunhardt (C. P.) Small yachts. Their design and construction exemplified by the ruling types of modern practice. x, (5) 16–473 p., 87 pl. illus. *New York: Forest & Stream Publishing Co.*, 1891. f°.

For the "Supplement to Small Yachts" see **Stephens** (W. P.) below.

Larchmont Yacht Club. Constitution, by-laws, racing rules, etc. 1891–1905. *Larchmont, N. Y.*, 1891–1905. 24°.

Lawson (Thomas W.), *and* WINFIELD M. THOMPSON. The Lawson history of the America's cup. *Boston*, 1902. 1 p.l., xv, 402 p., 1 facsim., 2 maps, 10 plans, 75 pl., 3 port. f°.

L'Estrange (A. G.) Yachting round the west of England. *London*, 1865. pl. 8°.

Little (David Mason). Instantaneous marine studies. *Boston: Cupples, Upham & Co.*, 1883. 85 p., 20 pl. f°.

Lloyd's Register of Shipping. Rules and regulations for the construction and classification of yachts for 1903/4. *New York*, 1903. 8°.

M. (N. F.) The log of the "Curlew." [Signed N. F. M.] *Boston: I. G. Gates*, 1877. 22 p. 8°.

McMullen (R. T.) Down channel. With introduction by Dixon Kemp. *London: H. Cox*, 1893. xvi, 418 p., 6 maps, 13 pl., 1 port. Rev. ed. 12°.

Manning (Thomas). The commodore's signal book and vade mecum. *New York: J. Filmer* [1874]. 98 p. 12°.

Manning's Yacht Register. (With which is incorporated The American list....) 1898–1903. Suppl. to 1903. *New York* [1898–1903]. obl. 8°.

1898-date pub. in 2 pts. for each year.

Meikle (James). The romance of the yard of the Fifes of Fairlie. 4 pl. (Nautical Maga. v. 74, pp. 538–543. *Glasgow*, 1905.)

Melville (George W.) Time allowance for steam yacht races. [Discussion.] (Transac. Soc. of Naval Architects & Marine Engineers. v. 12, pp. 201–223. *New York*, 1904.)

Yachts and Yachting, cont'd.

Moissenet (Louis). Yachts et yachting. Architecture et construction du Yacht. *Paris: Baudry et Cie.*, 1896. 2 p.l., 218, 1 l., 219–222 p., 16 pl., 5 tab. 12°.

—— Yachts et yachting. Théorie du yacht. *Paris: Baudry et Cie.*, 1898. 2 p.l., 405 p. 16°.

—— Yachts et yachting: voilure, navigation et manœuvre du yacht. *Paris: Baudry et Cie.*, 1897. 2 p.l., 406 p. 12°.

[**Morton** (H.)] The America cup: a nautical poem descriptive of the five international races between the yacht Livonia...and the yachts Columbia and Sappho...for the possession of the challenge cup won by the yacht America in...1851. *New York:* [*G. P. Putnam's Sons,*] 1874. 2 p.l., 123 p., 5 maps, 4 pl. 8°.

Mott (Henry A.) The yachts and yachtsmen of America. A standard work of reference. Being a history of yachting and of yacht clubs, as well as of the various yachts, with biographies of the founders and members of the different clubs of the United States and Canada. v. 1. *New York: International Yacht Publishing Co.* [cop. 1894] f°.

Myers (A. Wallis). Yachting as a hobby. (Cassell's Maga. v. 29, pp. 588–596. *London*, 1900.)

New (The) measurement rule of the New York Yacht Club. (Scientif. Amer. v. 88, pp. 254–255. *New York*, 1903.)

New steam yacht Czarina. (Marine Engineering. v. 8, pp. 520–525. *New York*, 1903.)

New York Yacht Club. An act of incorporation, lithographs of pennants and private signals, list of yachts, constitution, by-laws and racing rules, etc., of the New York Yacht Club. 1854, '58–'60, '63, '69–'70, '73, '75, '82–'84, '87–'90, '93–1906. Suppl. to 1892. Additions to 1902–1903. *New York: Korff Bros. Co.*, 1854–1906. 32°–16°.

1854 title reads: Rules and regulations . . .
1858–63, Constitution for the government . . .
1869–88, Constitution, by-laws, sailing regulations, &c.
1889, Lithographs of pennants . . . constitution, by-laws, . . . &c.
1893–1900, An act of incorporation . . . etc.
1901–date lacks title.

—— The annual regattas of the New York Yacht Club, from its organization to the year 1862, inclusive. *New York: J. W. Amerman*, 1863. 124 pp. 8°.

—— Report of Regatta Committee. Season of 1891, '94, '96–97, '99–1902, 1904, '06. *New York*, 1891–1906. 8°.

—— Report of the measurement committee, May 9, 1883. *New York* [1883]. 8°.

—— Report of the America's Cup Committee to the New York Yacht Club of the challenge, conditions and result of the match Defender against Valkyrie, 1894–1895. *New York: Corlies, Macy & Co., printers*, 1895. 62 p. 8°.

1 l. errata inserted.

—— Report of the special committee relative to certain charges made by the Earl of Dunraven concerning the recent match for the America's cup. *New York*, 1896. 556 p. 8°.

—— Report of the Committee on challenge of the Royal Ulster Yacht Club, Columbia vs. Shamrock II. 1900–1901. *New York: Korff Bros.* [1901] 46 p. ill. 4°.

New York Yacht Racing Association. Constitution and by-laws, sailing regulations, rules and time allowances. *New York*, 1896. 32 p., 2 ll. 32°.

Nock (Frederic S.) The laying up and storing of small yachts for winter. (Marine Engineering. v. 9, pp. 69–70. *New York*, 1904.)

Noyes (Isaac P.) The international yacht contest. *n. t.-p. Washington, D. C.*, 1903. Broadside. 8°.

Repr.: Narragansett Times, Je., 1903.

Patterson (Howard). Yacht sails and how to handle them...*New York: N. Y. Nautical College* [1901]. 4 p.l., 9–96 p. sq. 16°. (Patterson's pocket yachting series.)

Penataquit Corinthian Yacht Club. Year book. 1902. *Bay Shore*, 1902. 16°.

Place (Howard). Illustrated catalogue of yachting uniforms...etc. *New York* [18—?]. 12°.

Portland Yacht Club. [Officers, members, list of yachts house rules, etc.] 1896–1899. *Portland*, 1896–1899. 24°.

Qualtrough (E. F.) The boat sailor's manual ...treatise on the management of sailing boats... under all conditions...also...the various rigs in general use...directions for handling...canoes and ...cutter and sloop sailing. *New York: C. Scribner's Sons*, 1889. vi, 255 p., 1 pl. 24°.

—— The sailor's handy book and yachtsman's manual...for the use of the navy, merchant service, revenue marine and yachtsmen. *New York: C. Scribner's Sons*, 1881. viii, 594 p., 3 pl. 24°.

Quarterly sale register and exchange of steam and sailing yachts, launches, house-boats, etc. [Year] 1 no. 3–4; year 2–date. *London*, 1899–date. 4°.

Minor changes in title.

Races for the America's cup. Reprinted from the Public Ledger. Philadelphia, 1899. *Philadelphia: Public Ledger* [1899]. 29 pp. illus. 8°.

Royal Eastern Yacht Club. List of members, and rules and regulations...*Edinburgh*, 1837. 18 p. 16°.

Royal London Yacht Club. Laws, regulations, and list of members. Inst. 1838. Corrected to 1894. *London* [1894]. 56 p. 16°.

Royal Thames Yacht Club, London. Laws and regulations, 1832. [*London*, 1832.] 15 pp. 16°.

Royal Ulster Yacht Club. Report to the New York yacht club of the committee on challenge of the Royal Ulster yacht club, Columbia vs. Shamrock. [*New York*, 1899.] 20 p., 1 facsim. 8°.

Royal Victoria Yacht Club. List of members, yachts, &c. 1903. *Ryde*, 1903. 16°.

Rudder (The). Edited by T. F. Day. v. 7^8 (1896); v. $10^{2,5}$ (1889); v. 13–date (1902–date). *New York*, 1896–date. 4°.

Current. Monthly.

St. Augustine Yacht Club. List of members and yachts, St. Augustine Yacht Club, St. Augustine, Florida Season of 1891/92. *St. Augustine* [1891]. 16°.

Yachts and Yachting, cont'd.

Schock (Edison B.) The cabin plan book containing the accommodation plans of twenty sail craft. [By E. B. Schock.] *New York: Rudder Pub. Co.*, 1904. 2 l., 20 plans, 1 pl. f°.

Seawanhaka Yacht Club of Oyster Bay. Constitution, by-laws, sailing regulations, &c. *New York*, 1881. 16°.

Skene (Norman L.) Elements of yacht design. *New York: Rudder Pub. Co.*, 1904. 4 p.l., 77 p., (1) p., 4 pl., 1 l. 8°.

Smith (H. D.) Official yachts. (United Service. ser. 3, v. 4, pp. 337–351. *New York*, 1903.)

Soé (G.), J. Dupont, *and* O. Roussin. Vocabulaire des termes de marine. Yachting à voile. Yachting à vapeur. Yachting automobile. *Paris: Journal de la Marine "Le Yacht"* [1906]. vii, 565 (1) p., 1 l., 3 plans. illus. 12°.

Stanbury (George). On the rules of Lloyd's register for building yachts to class. [Discussion.] 3 pl. (Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 225–232. *New York*, 1904.)

Stansfeld-Hicks (C.) Yachts, boats, and canoes, with special chapters on model yachts and single-handed sailing ... *New York: Forest & Stream Pub. Co.*, 1887. xii, 384 p., 4 pl., 20 plans. 8°.

Steam (The) yacht "Arrow" — The fastest boat in the world. (Scientif. Amer. v. 87, pp. 188–189. *New York*, 1902.)

Steam (The) yacht "Faroslawna." (Engineering. *London*, 1899. f°. v. 67, pp. 8, 9 and 11.)

Steam yacht Wanda built by Polson Iron works, Toronto, Canada. (Marine Engineering. v. 3, pp. 1–2. *New York*, 1899.)

Stearns & McKay. Catalogue of the Marblehead yacht yards. *Marblehead* [*Thomson & Co.*, 1905?]. 66 p. 4°.

Steel sailing yacht. By Puritan. (Work. v. 20, no. 609, pp. 289–290; no. 611, pp. 323; no. 614, pp. 373; no. 616, pp. 402. *London*, 1900.)

Steele (H. M.) The Defender. A history of the New York Yacht Club, The Royal Yacht Squadron and the races for the America's cup. *New York: F. T. Alder* [1895]. 72 p., 1 map. ob. 8°.

Stephens (W. P.) American yachting. *New York: Macmillan Co.*, 1904. xi, 380 p., 1 pl. 8°. (American sportsman's library.)

—— The high-speed steam yacht as a factor in torpedo-boat design. (Engineering Maga. *New York*, 1898. 8°. v. 15, pp. 621–631; 776–796.)

—— Inland yachting—its growth and future. (Outing. v. 38, pp. 521–525. *New York*, 1901.)

—— The steam yacht as a naval auxiliary. (Scientific Amer. Suppl. *New York*, 1898. f°. v. 46, pp. 19200–19201.)

—— Supplement to "Small yachts" [by C. P. Kunhardt]. Containing examples of yachts and small craft built in America and England between 1890 and 1896. With working drawings and complete details of construction. 104 p., 43 pl. ill. *New York: Forest & Stream Publishing Co.*, 1896. F°.

Stevenson's Sea guide and yachting manual. 1903. *New York*, 1903. 16°.

Sullivan (*Sir* Edward), *and others*. Yachting. *London: Longmans, Green & Co.*, 1894. 2 v. xvi, 439 p., 21 pl.; xvi, 456 p., 15 pl. 12°. (Badminton Library.)

Tams (J. Frederick). What it costs to put a yacht in commission. Corinthian sailing and sailormen. (Outing. v. 42, pp. 244–247. *New York*, 1903.)

Thompson (Winfield M.) *See* **Lawson** (Thomas W.) *and* W. M. T.

Triumphant America. [Yachting] Episodes of the nineteenth century. [*Baltimore: J. S. Bridges & Co.*, 1901.] 20 l., 1 pl. 12°.

Union des yachts français. [Statuts... Membres ...Guidons...] [1892–1902.] *Paris* [1892–1902.] 16°.

1899–1901 title reads: "Union des yachts français. Sociétés réunion du 'Yacht-club de France' et de l'Union des yachts français..."; 1902 title reads: "Yacht-club de France. Sociétés réunies."

Union des yachtsmen de Cannes. Société de navigation de plaisance. Annuaire 1899. [*Cannes*, 1899.] 16°.

U. S. S. Sylph, selected by the Navy Department as the president's yacht. (Marine Engineering. *New York*, 1898. 4°. v. 2, no. 10, pp. 1–4.)

Vanderdecken, *pseudonym of William Cooper*. The yacht sailor; a treatise on practical yachtsmanship, cruising and racing, by "Vanderdecken" [*i.e.*, Wm. Cooper]. *London*, 1876. 5 ed. 8°.

—— Yachts and yachting, by Vanderdecken [*i.e.*, W. Cooper], being a treatise on building, sparring, canvassing, sailing and the general management of yachts, with remarks on storms, tides, &c., &c. *London: Hunt & Co.*, 1873. viii, 391 p., 47 pl. 8°.

Vogt (H. C.) On yacht measurement: together with some remarks on the action of sails. (Transac. Inst. of Naval Architects. v. 42, pp. 122–129. *London*, 1900.)

Water Witch Club. Highlands of Navesink, N. J. [Constitution, by-laws, 1895.] 40 f. ob. 8°.

West Hampton Country Club, Long Island. Constitution, by-laws, sailing regulations, etc. [*New York?*] 1891. 16°.

White (Diagonal), *pseudonym*. By ocean, firth and channel; amateur cruising on the west coast of Scotland and north of Ireland... *London: A. Mayne & Boyd, printers*, 1894. 8 ll., 148 p., 11 pl. ill. 12°.

"**Who** won?" The official American yacht record for 1896. (yr. 10.) *New York* [1896]. 16°.

Withers (T. H.) Under square sail: a manual for cadets of the merchant service... *London: Pewtress & Co.*, 1898. 3 p.l., 9–40 p., 21 pl. 3. ed. sq. 24°.

Woodgate (W. B.) International boat-racing. (Nineteenth Century & after. v. 50, pp. 439–448. *London*, 1901.)

Wilda (Johannes). S. M.Y. "Meteor." Sportliches- und Amerika-Erinnerungen. Eine Schriftbuch für den Binnenländer. *Berlin: H. Paetel*, 1902. 2 p.l., 175 p., 1 map, 1 plan, 3 pl. 8°.

Yachts and Yachting, cont'd.

Yacht-club de France. Bulletin officiel. no. 1–3. (July 1902–Jan. 1903.) *Paris*, 1902–3. 4°.

—— [By-laws and list of members. *Paris*, 1900] 106 p. 16°.

Yacht Racing Association of Massachusetts. By-laws, racing rules, etc. 1899–1903. *Boston*, 1899–1903. 12°.

—— Records of races and summary of prize winners... Season of 1896–1901. *Boston*, 1896–1901. 12°.

1898 contains also The executive committe's decisions for 1896–97–98. 1896–97 title is Reports of, &c.

Yachting. v. 1–date. *New York*, 1907. f°.
Current. Monthly.

Yachting: An illustrated magazine for yachtsmen... v. 3, no. 1 (1896); v. 4–5[1-6] (1897–1898). *New York*, 1896–1898. f° and 8°.

Yachting (The) Monthly Magazine. (Illustrated.) v. 1–v. 2, no. 7 (Feb.–Sept., 1898). *London*, 1898. 8°.

Yachting World. v. 16, no. 421–422, 425, 428; v. 17, no. 429, 431, 433–435, 437–445, 447–454; v. 18, no. 455–480; v. 19, no. 481–496, 498, 500–507. *London*, 1902–1903. f°.

Yachtsman (The). v. 15–date. *London*, 1898–date. 4°.
Current. Weekly.

Yachtsman's (The) annual guide and nautical calendar. (1897.) *Boston* [1897]. 8°.

Yamacho. Japanese imperial yacht Hatsukaze. (Marine Engineering. v. 9, pp. 201–206. *New York*, 1904.)

PRINCIPAL ACCESSIONS IN JULY.

General Works.

Nordisk familjebok. Konversationslexikon och realencyklopedi. Ny ... och rikt illustrerad upplaga. Redaktionskommitté Leche, V... Nyström, J. F... Meijer, B... Warburg, K... Westrin, J. T... Hufvudredaktor Bernhard Meijer. *Stockholm: Nordisk Familjeboks Förlags Aktiebolag* [1904–07]. 6 v. 8°.

America.

Virginia.—*Statutes.*

Code:

1748. Acts of Assembly, Now in Force, in Virginia. n. p., n. d. 58 p. f°.
Supplement to the Code of 1733.

Session Laws.

1736. Aug. 5. n. p., n. d. 44 p. f°.

There are two editions of the acts of this session. In addition to the variations which a side-by-side and page-for-page comparison discloses, there is a variation in pagination, as noted below. Of the two editions the one collated as A is believed to be the earlier.

A. pp. 1–5, 10–11, 8–36, 33–44. Sig. B–E in twos, F in four, H–N in twos.

B. pp. 1–40, 37–40, 46–48. Sig. B–E in twos, F in four, H–N in twos.

1753. Nov. 1. *Williamsburg: William Hunter*, 1754. 1 l., 1–46 p. f°.

1754. Feb. 14. n. p., n. d. 4 p. f°.

1754. Aug. 22. n. p., n. d. 6 p. f°.

1755. May. n. p., n. d. pp. 5–35 (1). f°.
Imperfect, pp. 1–4 lacking.

1755. Aug. 5. n. p., n. d. 22 p. f°.

1755. Oct. n. p., n. d. 8 p. f°.

1763. May. n. p., n. d. 90 (1) p. f°.

1764. Jan. n. p., n. d. 10 p. f°.

1771. July. *Williamsburg: William Rind*, 1771. 1 l., (1), 8 p. f°.

1772. Feb. *Williamsburg: William Rind*, 1772. 1 l., (1), 2–59 (1) p. f°.

There are two editions of the acts of this session. In addition to the variations which a side-by-side and page-for-page comparison discloses, there are variations in the imprint and paginations, as noted below.

A. *Williamsburg: William Rind*, 1771. 1 l., (1), 2–51 p. F°. Sig. A–N in twos.

B. *Williamsburg: William Rind*, 1772. 1 l., (1) 2–59 (1) p. F°. Sig. A–N in twos, O in fours.

The matter of the text in the two editions is identical and pp. 1–12 are identical in typography; thereafter and to p. 16 et seq., minor typographical variations occur. The difference in paging is due to use of a smaller font of type in the 1771 ed. from p. 16 et seq.

Convention.

1775.

Proceedings of the Convention Held at Richmond in the County of Henrico, On the 20th Day of March, 1775. *Williamsburg: J. Dixon and W. Hunter*, 1775. 1 l., 3–28 p. 8°.

Bound with these proceedings is: "A New Manual and Platoon Exercise: with an explanation. Published by Order of his Majesty: Edward Harvey, Adjutant-General. August, 1764." 1 l., 3–12 p. 8°.

The Proceedings of the convention of delegates For the Counties and Corporations In the colony of Virginia, Held at Richmond town, in the county of Henrico, On Monday, the 17th of July, 1775. *Williamsburg: A. Purdie*, n. d. 1 l., 3–59 (1) p. 8°.

1776.

Ordinances Passed at a general convention of delegates and representatives, From the several Counties and Corporations of Virginia, held at the Capitol, in the City of Williamsburg, on Monday the 6th of May, Anno Dom. 1776. *Williamsburg: A. Purdie*, n. d. 1 l., 3–44 p. 8°.

The Proceedings of the convention of delegates, held at the capitol, in the city of Williamsburg, in the colony of Virginia, on Monday the 6th of May, 1776. *Williamsburg: A. Purdie*, n. d. 2 ll., 5–185 (1) p. 8°.

Europe.

Bennett (F. J.) Ightham: the story of a Kentish village and its surroundings. *London: The Homeland Association*, 1907. viii, 158 p., 3 diag., 1 map, 4 plans, 19 pl., 1 port., 2 tables. 8°.

Buxton (Noel). Europe and the Turks. *London: John Murray*, 1907. xi (1), 143 (1) p., 3 maps. 12°.

Edholm (Edward). Från Carl XVs dagar. Minnen, bref och anteckningar. *Stockholm: Hugo Geber* [1906]. 308 p., 4 pl., 1 port. 2. ed. 8°.

Fraser (John Foster). Red Russia. *London: Cassell & Co., Ltd.*, 1907. xii, 288 p., 48 pl. 12°.

Holldack (Felix). Zwei Grundsteine zu einer grusinischen Statts- und Rechtsgeschichte. *Leipzig: J. C. Hinrichs'sche Buchhandlung*, 1907. xii, 1 l., 256 p. 8°.

Hume (Martin). Through Portugal. With ...illustrations...by A. S. Forrest. *London: E. Grant Richards*, 1907. xiv, 316 p., 1 l., 40 pl. 8°.

Iwan-Mueller (E. B.) Ireland: to-day and to-morrow. With an introduction by the Rt. Hon. Walter H. Long. *London: Chapman & Hall*, 1907. xxxii, 286 p., 1 l. 12°.

Jorga (N.) The Byzantine empire. Translated from the French by Allen H. Powles. *London*, 1907. viii, 236 p. 16°. (Temple primers.)

Kebbel (Thomas Edward). Lord Beaconsfield, and other Tory memories. *London: Cassell & Co., Ltd.*, 1907. xii, 360 p., 2 port. 8°.

Lampson (G. Locker). A consideration of the state of Ireland in the nineteenth century. *London: Archibald Constable & Co., Ltd.*, 1907. viii, 699 (1) p. 8°.

Schmidt (Friedrich). Geschichte der Stadt Sangerhausen. Im Auftrage des Magistrats bearbeitet. *Sangerhausen: Selbstverlag des Magistrats*, 1906. 2 v. 8°.

Tallentyre (S. G.) The friends of Voltaire. *London: Smith, Elder & Co.*, 1906. x, 303 p., 10 port. 8°.

Taylor (I[da] A[shworth]). Queen Hortense and her friends, 1783-1837. *London: Hutchinson & Co.*, 1907. 2 v. illus. 8°.

Unser Kaiserpaar in Wort und Bild. Für das deutsche Volk. *Berlin: Verlagsanstalt Buntdruck*, 1906. 478 p., 1 l., 14 pl., 3 port. ill. f°.

Var. Dictionnaire, annuaire et album. *Paris: E. Flammarion* [1906]. vii, 587 p., 29 pl., 184 port. 8°. (Les Dictionnaires départementaux.)

Vienne. Dictionnaire biographique et album. *Paris: E. Flammarion* [1906]. vii, 9–478 p., 3 l., 24 pl., 251 port. 8°. (Les Dictionnaires départementaux.)

Warrand (Duncan). Hertfordshire families, edited by Duncan Warrand. *London: A. Constable & Co., Ltd.*, 1907. 4 p.l., vii–xx, 325 (1) p., 12 pl., 26 port., 14 tab. f°. (The Victoria history of the counties of England. History of Hertfordshire. Genealogical volume.)

Washburne (Elihu Benjamin). America's aid to Germany in 1870–71. An abstract from the official correspondence of E. B. Washburne, U. S. Ambassador to Paris. The English text with a German translation, and prefaced by A. Hepner. *St. Louis*, 1905. 463 (1) p. 12°.

Yorkshire, *Eng.* Yorkshire inquisitions. Edited by William Brown. v. 2–4. [*Leeds:*] *Printed for the Society*, 1898–1906. 3 v. 8°. (Yorkshire Archæological Society. Record series. v. 23, 31, 37.)

Asia, Australia, and Pacific Islands.

Birt (Francis Bradley Bradley-). The romance of an eastern capital [Dacca, Bengal]. *London: Smith, Elder & Co.*, 1906. x, 349 p., 18 pl., 1 map. 8°.

Khazraji ('Ali ibn al- Hasan al-). The pearl-strings. A history of the Resúliyy dynasty of Yemen by 'Aliyyu-'bnu'l - Hasan 'el - Khazrejiyy. With translation, introduction...[etc.] by the late Sir J. W. Redhouse ... Edited by E. G. Browne, R. A. Nicholson, and A. Rogers, and printed for the trustees of the "E. J. W. Gibb memorial." v. 1. *Leyden: E. J. Brill*, 1906. 8°. ("E. J. W. Gibb memorial" series. v. 3.)

Landon (Percival). Under the sun, impressions of Indian cities: with a chapter dealing with the later life of Nana Sahib. *London: Hurst and Blackett*, 1906. xii, 288 p., 57 pl. 8°.

Low (Sidney). A vision of India. With illustrations from photographs by the author and others. *London: Smith, Elder & Co.*, 1907. xiv, 365 (1) p., 1 map, 33 pl. 2. ed. 8°.

Martin (William Alexander Parsons). The awakening of China. Illustrated from photographs. *New York: Doubleday, Page & Co.*, 1907. xvi, 328 p., 44 pl., 4 port. 4°.

Jews.

Ackermann (A.) Die Schwergeprüften. Ein symbolisch-dramatisches Festspiel. Den Manen der jüdischen Märtyrer in Russland gewidmet. *Berlin: H. Itzkowski*, 1906. 32 p. 8°.
Schiff Collection.

Alexander (Louis A.) The drama of blood performed by Russia on the world's stage, in the light of the twentieth century. *New York: The Author* [cop. 1906]. 4 p.l., 3–222 p., xiv, 1 pl. 8°.

Caldecott (*Rev.* W. Shaw). The Tabernacle. Its history and structure. By the Rev. W. Shaw Caldecott. With a preface by the Rev. A. H. Sayce. *London: the Religious Tract Soc.*, 1904. xx, 236 p., 1 map, 7 pl. illus. 12°.
Schiff Collection.

Dietz (Alexander.) Stammbuch der frankfurter Juden. Geschichtliche Mitteilungen über die frankfurter jüdischen Familien von 1349–1849 nebst einem Plane der Judengasse. *Frankfurt a.M.: J. St. Goar*, 1907. xii, 481 (1) p., 1 plan. 4°.
Schiff Collection.

Frank (Ulrich). Simon Eichelkatz. The patriarch. Two stories of Jewish life. Translated from the German. *Philadelphia: The Jewish Pub. Soc. of America*, 1907. 43 (1) p. 12°.
Schiff Collection.

Greenstone (Julius H.) The Messiah idea in Jewish history. *Philadelphia: The Jewish Pub. Soc. of Amer.*, 1906. 347 p., 1 l. 12°.
Schiff Collection.

Gruenfeld (Richard). Zur Geschichte der Juden in Bingen a. Rhein. Festschrift zur Einweihung der neuen Synagoge in Bingen. (21 Sept. 1905.) *Bingen: W. Polex*, 1905. 81 p., 1 l., 1 pl. 4°.
Schiff Collection.

Hayn (Hugo). Uebersicht der (meist in Deutschland erschienenen) Litteratur über die angeblich von Juden verübten Ritualmorde und Hostienfrevel. *Jena: H. W. Schmidt*, 1906. 30 p. 12°.
Schiff Collection.

James (Edmond James), *and others.* The immigrant Jew in America. *New York: B. F. Buck & Co.*, 1906. 403 p., 12 pl. 8°.

Joseph (Morris). The message of Judaism; sermons preached at the West London Synagogue. *London: G. Routledge & Sons, Ltd.*, 1907. viii, 351 (1) p. 16°.
Schiff Collection.

Art.

Calvert (Albert Frederick), *and* C. Gasquoine Hartley. The Prado. A description of the principal pictures in the Madrid Gallery. *London: John Lane*, 1907. xvi, 149 p., 1 plan, 68 pl., 39 port. 12°. (The Spanish Series. No. 4.)

Guyau (Marie Jean). L'art au point de vue sociologique. *Paris: F. Alcan*, 1906. li, 387 p. 7 ed. 8°.

Hanover (Emil). Dänische Kunst des 19. Jahrhunderts. Mit...Abbildungen. *Leipzig: E. A. Seemann*, 1907. 3 p.l., 168 p. 4°. (Geschichte der modernen Kunst. 7.)

Head (Barclay Vincent). Catalogue of the Greek coins of Phrygia, in the British Museum. *London: British Museum*, 1906. cvi, 1 l., 491 p., (1) p., 53 pl., 1 map. 8°.

Hessling (Egon, *and* Waldemar). Le mobilier Louis XVI au Louvre. Documents recueillis par Egon et Waldemar Hessling. 36 planches en hélio-

typie avec texte explicatif illustré. *Berlin: B. Hessling G. m. b. H.* [1907.] 2 p.l., 12 p., 36 pl. f°.

Hokusai. On Hokusai's "Daily exorcisms." *Tokyo: The Kokka Publishing Co.* [1907] 1 p.l., 6, 1 l., 12 p., 1 l., 2 fac., 86 pl. obl. 8°.

Jacobsen (Karl). Ny Carlsberg Glyptoteks Tilblivelse. *Ny Carlsberg*, 1906. 5 p.l, 13–76 p., 1 l., 4 pl. f°.

Leisching (Julius). Möbelbeschläge aus den Jahren 1770 bis 1840. 26 Lichtdrucktafeln, ausgewählt und hrsg. von J. Leisching. *Wien: Anton Schroll & Co.*, 1907. 2 l., 26 pl. f°.

Lepszy (Leonard). Krakau. *Leipzig: E. A. Seemann*, 1906. 3 p.l., 142 p. illus. sq. 8°. (Berühmte Kunststätten, no. 36.)

Lermann (Wilhelm). Altgriechische Plastik. Eine Einführung in die griechische Kunst des archaischen und gebundenen Stils. *München: Oskar Beck.* 1 p.l., xiii, 231 p., 20 pl. f°.

Levinstein (Siegfried). Kinderzeichnungen bis zum 14. Lebensjahr. Mit Parallelen aus der Urgeschichte, Kulturgeschichte und Völkerkunde ... Mit einem Anhang von Karl Lamprecht. *Leipzig: R. Voigtländer*, 1905. 4 p.l., 119, xiv p., 73 pl. 8°.

Masterpieces of thirty great painters of Japan. *Tokyo, Japan: The Kokka Co.* [1906] 1 pl., 104 p., 2 l. f°.

Morris (William). Architecture, industry, and wealth. Collected papers by W. Morris. [*London: Longmans, Green & Co.*, 1902.] iii, 163 p. 4°.

Printed at the Chiswick Press with the golden type designed by Wm. Morris, 1902.

Nisbet (Harry). Grammar of textile design. *London: Scott, Greenwood & Son*, 1906. vii, 276 p. ill. 8°.

Paris.—*Exposition de l'Union Centrale des Arts Décoratifs*, 1906. Les grandes collections de dentelles anciennes et modernes exposées au Pavillon de Marsan. 48 planches. *Paris: C. Schmid* [1906]. 1 l., 48 pl., 1 tab. f°.

Pochhammer (Paul). Ein Dantekranz aus hundert Blättern. Ein Führer durch die "Commedia." Mit 100 Federzeichnungen von Franz Stassen, und drei Plänen. *Berlin: G. Groote*, 1905–06. 272 p. 4°.

Rhead (George Woolliscroft, *and* F. A.) Staffordshire pots and potters. *London: Hutchinson & Co.*, 1906. xvi, 383 (1) p., 73 pl. illus. sq. 4°.

Salaman (Malcolm Charles). The old engravers of England, in their relation to contemporary life and art (1540–1800). *Philadelphia: J. B. Lippincott Co.*, 1907. viii, 224 p., 48 pl. 8°.

Seguier (Frederick Peter). A critical and commercial dictionary of the works of painters, comprising eight thousand eight hundred and fifty sale notes of pictures ... etc. *London: Longmans, Green & Co.*, 1870. xvi, 241 p. 4°.

Smith (Vincent Arthur). Catalogue of the coins in the Indian Museum, Calcutta, including the cabinet of the Asiatic Society of Bengal. Published for the trustees of the Indian Museum. v. 1. *Oxford: The Clarendon Press*, 1906. illus. 8°.

Spanien. Eine Sammlung architektonisch wertvoller Motive und Details von alten Bauwerken. Ser. 1. *Berlin: F. Toussaint* [1907?]. f°.

Van Dyke (John Charles). Studies in pictures. An introduction to the famous galleries. *New York: Charles Scribner's Sons*, 1907. xiv, 136 p., 40 pl. 12°.

Venturi (Lionello). Le origini della pittura veneziana 1300–1500. *Venezia: Instituto Veneto di Arti Grafiche*, 1907. 3 p.l., (1) 10–427 p., 112 pl., 7 port. 4°.

Vinci (Leonardo da). Thoughts on art and life. Translated by Maurice Baring. *Boston: The Merrymount Press*, 1906. xxiv, 2 l., 3–200 p., 1 l. 8°. (The Humanists' library. v. 1.)

Walsdorf (E.) Sculptures religieuses. Documents de l'art chrétien au moyen-âge en France recueillis et publiés par E. Walsdorf. Statues de Dieu, Jésus Christ, de la Vierge, les douze apôtres ... [etc.] 60 planches en héliotypie. *Berlin: B. Hessling*, 1907. 2 l., 60 pl. f°.

Warren (E. P.) Die griechischen Münzen der Sammlung Warren. Beschrieben von Kurt Regling. [Text and pls.] *Berlin: G. Reimer*, 1906. 2. p. 4°.

Wilde (Oscar). The English renaissance. A lecture delivered by Oscar Wilde on the occasion of his visit to America. *Boston: J. W. Luce & Co.*, 1906. 1 p.l., 37 p. 24°.

Winter (Ferdinand). Die Kämme aller Zeiten, von der Steinzeit bis zur Gegenwart. Eine Sammlung von Abbildungen mit erläuterndem Text hrsg. von F. Winter. *Leipzig: H. A. L. Degener* [1907]. 2 p.l., 12 p., 2 l., 84 pl. f°.

Title also in English and French.

Woelfflin (Heinrich). Die Kunst Albrecht Dürers. Mit Abbildungen. *München: F. Bruckmann A.-G.*, 1905. vi, 1 l., 316 p., 32 pl. 4°.

Music.

Aubry (Pierre). Les plus anciens monuments de la musique française. *Paris: H. Welter*, 1905. 23 (1) p., 12 l., 24 facsim. sq. f°. (Mélanges de musicologie critique.)

Droux (Georges). La chanson lyonnaise. Histoire de la chanson à Lyon, les sociétés chansonnières. *Lyon: A. Rey & Cie.*, 1902. 2 p.l., 113 p., 1 l. 4°.

Gastoué (Amédée). Les origines du chant romain. L'antiphonaire grégorien. *Paris: A. Picard & Fils*, 1907. xii, 307 p. 4°. (Bibliothèque musicologique. [v.] 1.)

Gilman (Lawrence). The music of to-morrow, and other studies. *London: J. Lane*, 1907. 6 p.l., 3–143 (1) p. 16°.

—— Strauss' "Salome." A guide to the opera, with musical illustrations. *London: J. Lane*, 1907. 85 p., 1 port. 12°.

Jekyll (Walter). Jamaican song and story .. With an introduction by Alice Werner, and appendices on traces of African melody in Jamaica by C. S. Myers, and on English airs and motifs in Jamaica by Lucy E. Broadwood. *London: D. Nutt*, 1907. xxxviii, 1 l, 288 p. 8°. (Folk-Lore Society. Publications. v. 55.)

Johner (*Rev.* Dominic). A new school of Gregorian chant. From the German. *Ratisbon: Fr. Pustet*, 1906. xiii, 296 p. 8°.

Kopp (Arthur). Aeltere Liedersammlungen. 1. Sächsisches Bergliederbüchlein. 2. Der Frau von Holleben (geb. v. Normann) Liederhandschrift. *Leipzig: G. Schönfeld*, 1906. vi, 1 l., 213 p. 8°. (Verein für sächsische Volkskunde. Beiträge zur Volkskunde. Heft 4.)

Montfort (Hugo von), *count.* Die Lieder des Hugo von Montfort mit den Melodien des Burk Mangolt. Hrsg. von Paul Runge. Mit einem Faksimile. *Leipzig: Breitkopf & Härtel*, 1906. 4 p.l., 75 (1) p., 1 facsim. 8°.

Neue musikalische Theorien und Phantasien. Von einem Künstler. Bd. 1 (Harmonielehre). *Stuttgart: J. G. Cotta*, 1906. 8°.

Simon (James). Faust in der Musik...[*Berlin:*] *Bard Marquardt & Co.* [1906] 3 p.l., 63 p., 1 l., 12 facsim., 5 pl., 7 port. 16°. (Die Musik Sammlung illustrierter Einzeldarstellungen hrsg. von R. Strauss. Bd. 21.)

Soubies (Albert). Histoire de la musique. v. 1–2. *Paris: E. Flammarion Successeur*, 1904–06. 2 v. 16°.

v. 1. Iles Britanniques, Des origines au xviiie siècle; 2, Les xviiie et xixe siècles.

Staden (Johann). Ausgewählte Werke des Nürnberger Organisten Johann Staden (1581–1634). Eingeleitet und hrsg. von Eugen Schmitz. Teil 1. *Leipzig: Breitkopf & Härtel*, 1906. f° (Denkmäler deutscher Tonkunst 2. Folge, Jg. 7.)

Stratton (Stephen Samuel). Nicolo Paganini, his life and work. *London: "The Strad,"* 1907. 4 p.l., 205 p., 6 pl., 9 port. 12°. ("The Strad" Library. No. 17.)

Taylor (Sedley). The indebtedness of Handel to works by other composers. A presentation of evidence. *Cambridge* [*England*]*: University Press*, 1906. xiii, 196 p. 4°.

Volksliederbuch für Männerchor. Hrg. auf Veranlassung Seiner Majestät des Deutschen Kaisers Wilhelm II. *Leipzig: C.F. Peters*, 1906. 2 v. 8°.

Walther (Johann Gottfried). Gesammelte Werke für Orgel, hrsg. von Max Seiffert. *Leipzig: Breitkopf & Härtel*, 1906. xxxvi, 364 p. f°. (Denkmäler deutscher Tonkunst. v. 26–27.)

Weingartner (Felix). The post-Beethoven symphonists. The symphony writers since Beethoven... From the German by Arthur Bles. *London: W. Reeves* [1907?]. 4 p.l., 163 p., 12 port. 12°.

Sport.

Alcock (C. W.) Football. The association game. With illus. *London: G. Bell & Sons*, 1906. 2 p.l., 103 p., 8 pl. New ed. 16°. (The All-England Series.)

Borrmann (Hugo). Die Kunst des Ruderns. *Berlin: Wedekind & Co.*, 1907. 2 p.l., 221 (1) p. illus. 12°.

Churchill (E. G. S.) Tarpon fishing in Mexico and Florida. *London: Harrison & Sons* [1907?]. 73 p., 1 l., 1 map, 44 pl., of which 16 in pocket. 8°.

Cleveland (Grover). Fishing and shooting sketches. Illustrated by Henry S. Watson. *New York: The Outing Pub. Co.*, 1906. viii, 209 p. port. 12°.

Collings (T. C.) Cricket. With contributions by T. A. Hearne ... and others. *New York: Cassell & Co., Ltd.* [1906?] xv, 176 p. illus. 12°. (The Sports Library.)

Dutt (William A.) Wild life in East Anglia. *London: Methuen & Co.* [1906] x, 370 p., 1 l., 17 pl. 8°.

Fallon (W. J.) Practical wildfowling: a complete guide to the art of the fowler. With descriptions of the various birds usually met with. *London: L. Upcott Gill*, 1907. 3 p.l., 248 p., 1 pl. illus. 2. ed. 12°.

Games (The) book for boys and girls. A volume of old and new pastimes. Illustrated by E. S. Hardy and E. Cubitt. *London: E. Nister* [1906]. 415 (1) p. 8°.

Harding (Arthur Robert). Fox training. A book of instruction telling how to trap, snare, poison, and shoot. A valuable book for trappers. Edited by A. R. Harding. *Columbus, O.: R. R. Harding Pub. Co.* [cop. 1906.] 185 p. illus. 16°.

Harrison (Edgar). A dissertation upon guns and shooting. *London: Cogswell & Harrison, Ltd.*, 1906. xvi, 1 l., 130 p., 1 l., 131–240 p., 4 pl. 8°.

Hodgson (William Earl). Salmon fishing. *London: A. & C. Black*, 1906. xi, 1 l., 314 p., 17 pl. 12°.

Hornaday (William Temple). Camp-fires in the Canadian Rockies... [with] illustrations by John M. Phillips. *New York: Charles Scribner's Sons*, 1906. xviii, 1 l., 353 p., 2 maps, 51 pl. 8°.

Lovett (James D'Wolf). Old Boston boys and the games they played. *Boston: Privately printed at the Riverside Press*, 1906. vi, 1 l., 241 (1) p., 25 pl., 4 port. 8°.

Ménil (F. de). Histoire de la danse à travers les ages. *Paris: A. Picard & Kaan* [1906?]. viii, 162 p. illus. 8°. (Bibliothèque de l'Enseignement des Beaux-Arts.)

Mottelay (Paul F.) The bridge blue book. A compilation of opinions of the leading bridge authorities on leads, declarations...and the general play of the game. *New York: C. Scribner's Sons*, 1906. viii, 152 p. 8°.

Philip (Carolyn Howard). Bridge for beginners. *Buffalo: O. Ulbrich Co.*, 1906. 6 l. 24°.

Pruefer (Curt). Ein ägyptisches Schattenspiel. *Erlangen:* [*M. Mencke,*] 1906. xxiii, 151 p. 8°.

Roosevelt (Theodore). Good hunting in pursuit of big game in the west. *New York: Harper & Brothers*, 1907. vi, 13–106 (1) p., 16 pl. 8°.

Schillings (C. G.) Der Zauber des Elelescho. *Leipzig: R. Voigtländer*, 1906. xiv, 496 p., 24 pl., 1 port. illus. 8°.

Sharp (Henry). Modern sporting gunnery. A manual of practical information for shooters of today. *London: Simpkin, Marshall...Kent & Co., Ltd.*, 1906. x, 526 p., 4 pl., 2 port. illus. 8°.

Storey (Harry). Hunting & shooting in Ceylon ...With contributions by Thos. Farr... [and others]. With 69 illustrations from photographs and 1 map. *London: Longmans, Green & Co.*, 1907. xxiii, 365 (1) p., 1 map, 35 pl., 1 port. 8°.

Thomas (William S.) Hunting big game with gun and...kodak. A record of personal experiences in the United States, Canada, and Mexico. *New York: G. P. Putnam's Sons*, 1906. ix, 240 p., 1 pl. illus. 8°.

White (Alain Campbell). 200 Bauernumwandlungsschachaufgaben. Unter Mitwirkung von Max Weiss zusammengestellt. *Potsdam: A. Stein*, 1907. 3 p.l., ii, 112 p. illus. 8°.

White (Alain Campbell). Les tours de force sur l'échiquier. *Paris: N. Preti*, 1906. xl, 223 p. illus. sq. 16°.

Whitney (James Parker). Reminiscences of a sportsman. *New York: Forest & Stream Pub. Co.*, 1906. iii, 467 p., 1 port. 8°.

American and English Literature.

Baker (George Pierce). The development of Shakespeare as a dramatist. *New York: The Macmillan Co.*, 1907. x, 1 l., 329 p., 30 pl. 12°.

Baker (James Hutchins). American problems. Essays and addresses. *New York: Longmans, Green & Co.*, 1907. vii, 222 p. 12°.

Bishoprick (The) garland, or a collection of legends, songs, ballads. etc., belonging to the county of Durham. [Compiled by Sir Cuthbert Sharp.] *Sunderland: Hills & Co.*, 1906. 6 p.l., v–viii, 84, ii p., 3 pl. 8°.

150 copies reprinted from the London edition of 1834.

Brewer (Anthony). Anthony Brewer's The love-sick king. Edited from the quarto of 1655 by A. E. H. Swaen. *Louvain: A. Uystpruyst*, 1907. xiv, 2 l., (1) 4–64 p. 8°. (Materialien zur Kunde des älteren englischen Dramas. Bd. 18.)

Browne (John Hutton Balfour). Essays, critical and political. *London: Longmans, Green & Co.*, 1907. 2 v. 8°.

Carlyle (Thomas). Arbeiten und nicht verzweifeln. Auszüge aus seinen Werken. Deutsch von Maria Kühn und A. Kretzschmar. *Düsseldorf: K. R. Langewiesche* [1907?]. 219 (1) p. 12°. (Lebende Worte und Werke. Auswahl- und Sammelbände.)

Dyboski (Roman). Tennysons Sprache und Stil. *Wien: W. Braumüller*, 1907. xxxvii, 1 l., 544 p. 8°. (Wiener Beiträge z. englischen Philologie. v. 25.)

Fisk (May Isabel). The talking woman. (Monologues.) *New York: Harper & Brothers*, 1907. v (i), 1 l., (1) 4–168 p., 1 l., 16 pl. 12°.

Fox (Augustus Henry Lane), *afterwards* Fox-Pitt-Rivers. The evolution of culture, and other essays...Edited by J. L. Myres. With an introduction by Henry Balfour. *Oxford: The Clarendon Press*, 1906. xx, 232 p., 21 pl. 8°.

Gummere (Francis Barton). The popular ballad. *Boston: Houghton, Mifflin & Co.*, 1907. xiv, 1 l., 360 p., 1 l. 12°. (The types of English literature.)

Hadow (George Elliott, *and* W. H.) The Oxford treasury of English literature. *Oxford: The Clarendon Press*, 1906–7. 2 v. 12°.

Herford (Oliver). A little book of bores. With pictures by the author. *New York: C. Scribner's Sons* [1906]. 2 p.l., 52 p., 1 l. illus. 12°.

Holmes (Daniel Henry). A pedlar's pack. *New York: E. D. North*, 1906. x, 1 l., 145 p. 12°.

No. 37 of 250 copies printed.

Howells (William Dean). Through the eye of the needle. A romance with an introduction. *New York: Harper & Brothers*, 1907. xii, 2 l., 3–232 p., 1 l. 8°.

Irwin (Wallace). Chinatown ballads. *New York: Duffield & Co.*, 1906. 81 p., 8 pl. 12°.

Irwin (Wallace). Random rhymes and odd numbers. *New York: The Macmillan Co.*, 1906. 3 p.l., v–viii, 1 l., 302 p. 12°.

Jebb (*Sir* Richard Claverhouse). Essays and addresses. [Preface by Caroline Jebb.] *Cambridge: University Press*, 1907. vi, 1 l., 648 p. 8°.

Koopman (Harry Lyman). At the gates of the century. *Boston: The Everett Press*, 1905. xii, 88 p. 12°. (Koopman's poetical works. [v.] 4.)

Krans (Horatio Sheafe). Irish life in Irish fiction. *New York: The Columbia Univ. Press*, 1903. vii, 337 p. 16°.

Longfellow (Henry Wadsworth). Henry Wadsworth Longfellow. A sketch of his life, by Charles Eliot Norton, together with Longfellow's chief autobiographical poems. *Boston: Houghton, Mifflin & Co.*, 1907. vii (1), 1 l., 120 p., 1 l., 2 port. 12°.

Mackenzie (John). Sar-obair nam bard Gaelach. The beauties of Gaelic poetry and lives of the Highland bards. *Edinburgh: J. Grant*, 1907. 2 p.l., lxxii, 447 p. 8°.

Manly (John Matthews). English poetry. (1170–1892.) Selected by John Matthews Manly. *Boston: Ginn & Co.* [cop. 1907] xxviii, 580 p. 8°.

Morley (Margaret Warner). Grasshopper land. *Chicago: A. C. McClurg & Co.*, 1907. 283 p., 1 pl. illus. 12°.

Morris (William). Hopes and fears for art. Five lectures delivered in Birmingham, London and Nottingham. [*London: Longmans, Green & Co.*, 1902.] iii, 106 p. 4°.

First printed in 1882, and reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Morris (William). The roots of the mountains, wherein is told somewhat of the lives of the men of Burgdale, their friends, their neighbours, their foemen, and their fellows in arms. [*London: Longmans, Green & Co.*, 1901.] vi, 1 l., 284 p. 4°.

First printed in 1890, and reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Morris (William). A tale of the House of the Wolfings, and all the kindreds of the mark written in prose and in verse. [*London: Longmans, Green & Co.*, 1901.] 3 p.l., 161 (1) p. 4°.

Printed at the Chiswick Press with the golden type designed by Wm. Morris.

Olin (Charles Henry). Journalism. Explains the workings of a modern newspaper office, and gives full directions for those who desire to enter the field of journalism. *Philadelphia: Penn Pub. Co.*, 1906. 193 p. 24°.

Ruskin (John). Menschen untereinander. Auszüge aus seinen Schriften. Auswahl und Übersetzung von Maria Kühn. *Düsseldorf: K. R. Langewiesche* [1907?]. 228 pp., 1 port. 12°. (Lebende Worte und Werke. Auswahl- und Sammelbände. Bd. 4.)

PRINCIPAL DONORS IN JULY.

	VOLS.	PMS.
Alabama, Geological Survey	1	
Allen-Nugent Company . .	1	
Amer. Monthly Review of Reviews	2,000	
Amer. Soc. of Civil Engineers	1	
Arnhem, Neth Burgemeester	1	
Auchincloss, W. S. . . .		2
Bangor Public Library . .	1	
Bayard, Thomas F. . . .		1
Belgium. Bibliothèque Royale	1	
Belgium, Min. de l'Intérieur	4	2
Breton, Mme. Jules . . .	1	
Brown, Mrs. J. S.		2
Cary, Isaac H.	2	
Chicago, Rock Island & Pacific Ry.	54	387
Columbia University . . .	1	15
Conn. State Library . . .	4	7
Davison Pub. Co.	4	0
Engineers' Club of Philadelphia	1	
Foreign Missions Library .		16
Gen. Federation of Trade Unions		1
Gibraltar, Colonial Secretary	1	
Good Will Home Assoc. . .	3	2
Great Britain, Patent Office	30	
Hannover, Ger., Stadt-Bibliothek	2	
Hawaiian Evangelical Assoc.	1	
Hengelo, Neth., Kamer van Koophandel en Fabrieken	1	
Huntington, Mrs. S. V. V. .	23	
Jamaica, Colonial Sec. . .	9	
Johannesburg Pub. Library		3
Johns Hopkins Univ. . . .	3	22
Kirkbride, F. B.	1	
Koninklijk Nederlandsch Meteorologisch Instituut . .	110	50
Lauder-Brunton, Sir T. . .		4
Leeward Islands, Colon. Sec.	1	
Lewiston, Me., School Board		5
Maine, Commiss. of Agriculture	5	
Mathews, John		1
Mead, E. D.		1
Minneapolis, Registrar of Water Works		1
Munson, Mrs. A. B. . . .	2	321
Nat. Council of Congregational Churches	1	
Neth., Dept. van Landbouw, Nijverheid	1	
Neth., Min. van Kolonien .	8	
New York City, Comptroller	3	4
New York State Chamber of Commerce	10	
New Zealand Govt. Printer	1	
Ontario, Dept. of Agriculture	1	2
Osaka Library		1
Paltsits, V. H.	26	37
Payne, Mrs. H. C.	1	
Publishers' Weekly . . .	231	129
Rockford, Ill., City Engineer	1	
Rothensteiner, Rev. John .	26	28
St. Louis University . . .	1	
Schenkl, Miss	4	
Schernikow, Ernest . . .	5	
Scribner's, Charles, Sons, 87 prints.		
Séminaire de Nicolet . . .		1
Smethwick, Eng., Free Library		1
Somerville, Mass., Water Commiss.		1
Sons of the Amer. Revolution	3	
Sowarby, Miss A. A. . . .	93	
Springfield, Mass., Supt. of Streets		1
Stauffer, D. McN.	2	
Strobridge, Rev. G. E. . .	1	
Svenska Litteratursällskapet	1	3
Swords, H. C.	1	
Toronto, City Clerk . . .	1	
Treat, J. H.	1	
Trier, Ger., Handelskammer		1
U. S. Bur. of Education . .	1	
U. S. Supt. of Documents .	39	144
Univ. of Denver	1	
Univ. of Iowa	1	
Univ. of Maine	5	1
Van Sinderen, Mrs. W. . .	40	1
Venice, Esposizione Internaz. d'Arte, 4 posters.		
Warschauer Gegenseitige Unfall-Versicherungs-Gesellschaft		1
Watertown, Mass., Free Public Library		4
West Virginia, Dept. of Mines	1	
Wiener, Dr. R. G. . . .	195	30
Woburn., Mass., City Clerk .	2	
Wyoming, State Geologist .	1	

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

SEPTEMBER 1907

VOLUME XI · NUMBER 9

Report for August 407–410
American Naval Affairs, 1798-1802 411–419
List of Works relating to Nautical and Naval Art and Science, etc. Part IV. (Conclusion.) 420–436
Principal Accessions in August 437–455
Principal Donors in August 456

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) _____ Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
22d Street, 230 East. Near 2d Avenue. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. SEPTEMBER, 1907. No. 9.

REPORT FOR AUGUST.

REFERENCE DEPARTMENT.

During the month of August there were received at the Library, by purchase, 1,016 volumes and 487 pamphlets; by gift, 887 volumes and 1,498 pamphlets; and by exchange, 37 volumes and 174 pamphlets, making a total of 1,940 volumes and 2,159 pamphlets.

There were catalogued 1,371 volumes and 882 pamphlets; the number of cards written was 1,033, and of slips for the copying machine 1,573; from the latter were received 8,200 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	3,431	8,666	2,318	10,984	14,415
No. of readers	1,714	8,666	2,318	10,984	12,698
No. of readers, desk applicants	1,099	9,164	2,343	11,507	12,606
No. of volumes consulted by desk applicants	6,619	39,568	6,914	46,482	53,101
Daily average of readers	63	321	85	406	469
No. of visitors to Print Exhibition, etc.	1,522				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Clemens' "Christian Science," Ibsen's Plays, Spencer's "Education"; (adult fiction): De Morgan's "Alice-for-Short," Williamson's "Princess Virginia," Mason's "Running Water"; (juvenile fiction): Wiggin's "New Chronicles of Rebecca," Lang's Fairy Books, Barbour's "Crimson Sweater."

CIRCULATION STATISTICS FOR AUGUST.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	6,387	596	119	1,606	1,606	571
East Broadway, 197	12,419	15	251			364
Rivington Street, 61	12,799	1,067	293	13,421	16,428	
Le Roy Street, 66	5,068	1,035	75	1,333	2,146	99
Bond Street, 49	6,463	664	85	2,643	3,447	297
8th Street. 135 Second Avenue	12,829	981	166	2,646	2,913	376
10th Street, 331 East	12,316	1,386	182	2,844	3,034	664
13th Street, 251 West	6,692	1,319	68	1,859	2,445	125
23d Street, 228 East						
23d Street, 209 West	9,158	4,384	147			198
34th Street, 215 East	4,691	1,666	57			197
40th Street, 501 West	1,651		35			48
42d Street, 226 West	7,906	491	389			497
50th Street, 123 East	3,725	500	68	216	263	299
51st Street, 463 West	2,964	123	42	192	367	50
58th Street, 121 East	9,141	477	203	1,781	1,781	912
67th Street, 328 East	7,098	627	82	468	1,195	90
69th Street. 190 Amsterdam Avenue	7,382	528	78	2,337	3,052	149
Travelling Libraries	115,313					138
77th Street. 1465 Avenue A	9,112	173	122	552	2,144	126
79th Street, 222 East	15,074	1,825	147	2,222	3,522	305
81st Street. 444 Amsterdam Avenue	10,370	1,471	147	1,113	1,873	651
Blind Library	914		16			
96th Street, 112 East	14,141	902	193	1,196	1,660	300
100th Street, 206 West	12,862	4,543	217	2,222	2,505	380
110th Street, 174 East	13,769	4,675	233	996	1,204	848
123d Street, 32 West	6,863	241	204	1,062	1,201	99
125th Street, 224 East	7,696	765	113	668	784	284
135th Street, 103 West	13,080	900	196	1,422	1,998	168
145th Street, 503 West	11,336	2,713	273	1,708	2,723	210
156th Street. 922 St. Nicholas Avenue	6,344	1,568	112			315
BRONX.						
140th Street and Alexander Avenue	14,969	373	227	1,246	2,678	156
176th Street and Washington Avenue	16,110	171	248	730	1,426	139
Kingsbridge Avenue, 3041	1,885	1,310	22			121
RICHMOND.						
St. George	6,573	1,423	371	731	962	146
Port Richmond	5,040	1,107	49	664	1,167	151
Stapleton	6,303	1,607	223	364	618	168
Tottenville	2,247	1,029	19			110
TOTALS	418,690	42,655	5,472	48,242	65,142	9,751

Gifts of the month worthy of mention came from the following: Henry C. Rew, his "Wonders of the World Abroad . . . illustrated with numerous remarkable camera pictures, privately imprinted for Henry C. Rew and dedicated to the Old Guard at a memorable dinner given in Buffalo, Friday evening, September 15, 1905," issued in an edition of 500 copies from the Mathews-Northrup press; Ira H. Brainard, Facsimile reprint of Lincoln's Cooper Union Address, New York, 1860; from the Century Company, a collection of 196 volumes and 539 pamphlets, periodicals, government documents, etc.; from Micajah Pratt Clough, Impressions of two bookplates by E. D. French; from General Charles L. Davis, his "North Carolina Society of Cincinnati," Boston, 1907; from Doctor S. A Green, a miscellaneous collection, including his "Lawrence family of Groton, Massachusetts," etc.; from Samuel V. Hoffman, "A memorial biography of the Very Reverend Eugene Augustus Hoffman," by Theodore Myles Riley, 2 volumes, privately printed at the Marion Press, Jamaica, N. Y., 1904; from L. S. Holtzoff, his "Contemporary America," Vol. 1, 1907; from the Kaukasische Museum and Öffentliche Bibliothek in Tiflis, their "Bericht" for 1903, 1904, and 1905; from William O. McDowell, 42 numbers of the "Courrier de la Conference de la Paix"; from Ralph Modjeski, a copy of "The Thebes Bridge: a report to the President and Directors of the Southern Illinois and Missouri Bridge Company," by Alfred Noble and Ralph Modjeski, Chief Engineers (Chicago, 1907); from Luis Thayer Ojeda, a copy of his "Thayer family of Brockworth according to the researches of Rev. Canon William Bazcley," Santiago de Chile, 1907; from the Railroad Gazette, a collection of 154 volumes and 5 pamphlets, mainly books relating to mining, engineering, etc.; from M. Reid and Company, a copy of the "Fiftieth anniversary of M. Reid and Company, containing illustrations of some of the buildings recently erected by this Company"; from the Scientific American, 55 volumes and 532 pamphlets, a miscellaneous collection of periodicals, etc.; from Wilbur Marcy Stone, 23 bookplates designed by himself; and from Henry Winslow, 3 etchings by himself.

At the Lenox Branch the exhibition of etchings, lithographs and other prints by contemporary German artists, and the collection of bookplates, remained on view. At the Astor Branch the exhibition of plates from H. S. Williams' "History of the Art of Writing" was continued, as was also the collection of original etchings by American artists.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: Hudson Park, Gardens; Bond Street, Harvest days, Music, School days; Ottendorfer, Hendrik Hudson, Deutsche Romane; Tompkins Square, Birthdays of celebrated men and women, Holland and the Dutch, Labor day, Our navy; Jackson Square, Summer day; Muhlenberg, Arabian Nights' Entertainment, Some stories for vacation days; 34th Street, Philippines, Korea, Panama, Stories of the railroad; 67th Street, Books about the baby, Books for our gardeners, Fairies; Riverside, Tales of the sea, Vacation stories; St. Agnes, Books on Holland, Books for little folks; 125th Street, Fairy stories, Labor; Bloomingdale, Tragedies of childhood, Flying machines; Hamilton Grange, The little librarian, Fishing; Mott Haven, Notable people, Travel; Stapleton, Play days, The sea, Vacation reading; Tottenville, Robert Fulton, Golden numbers.

In addition there were bulletins on sports at four branches, on new books at three branches, on Richard Mansfield at two branches, and on Augustus Saint Gaudens at two branches.

Until further notice reading-room service in circulation branches on Sundays from 2 to 6 P. M., and on week-day evenings until 10 P. M., is arranged as follows:

RIVINGTON STREET Branch....	61 Rivington Street.....	Sundays and Evenings
OTTENDORFER Branch.....	135 Second Avenue.....	Sundays
TOMPKINS SQUARE Branch.....	231 East 10th Street.....	Sundays
MUHLENBERG Branch.....	209 West 23d Street.....	Sundays
RIVERSIDE Branch.....	190 Amsterdam Avenue..	Sundays

The following branches are open for the circulation of books on Sunday:

ST. RAPHAEL Branch.....	501 West 40th Street.....	10 A. M. to Noon
CATHEDRAL Branch.....	123 East 50th Street.....	" " " "
SACRED HEART Branch.....	463 West 51st Street.....	" " " "
EAST BROADWAY Branch.....	197 East Broadway.....	9 A. M. to 6 P. M.

Except as stated above, circulation branches close on Sundays, and on week days their reading rooms are closed at 9 P. M. The ASTOR branch is open from 9 A. M. to 9 P. M., and LENOX from 9 A. M. to 6 P. M. except on Sundays.

AMERICAN NAVAL AFFAIRS 1798–1802.

The following letters to Commodore Richard Dale are printed from the original manuscripts in the New York Public Library.

Benjamin Stoddert to Richard Dale.

Navy Department 13 July 1798.

Sir

Enclosed you will receive an Act of Congress which passed the 9th Inst—and new Instructions founded upon that Act, authorizing the Capture of French armed vessels, wherever found. You may therefore allow yourself a wider range, & keep farther from the shores. The French cruisers have too good information of your cruising ground to come within your reach. You will try whether you cannot fall in with them two or three degrees farther from the Coast—indeed if you have sufficient confidence in your crew, and ship, (which I wish was better prepared) you may have a better chance of falling in with them coming on our Coast, or going off with their prizes, by standing as far to the Southward as Latitude 34, & as far Eastward as Longitude 65—which will be about one Degree Westward of Bermudas, & in the tract of the Enemy['s] Vessels.

The Cutter at New York of 14 guns will be prepared for Sea by the 20th Inst—The Captain will be ordered to join you, & I hope will be ready to do it on that day. You will Judge whether it will be most prudent to wait until you have this Vessel under your Command, before you venture so far as I have suggested.

Capt. Dectaur in a better appointed ship than yours has been more fortunate than you have yet been—but let not that circumstance make you uneasy. Your Services have been highly advantageous in protecting the merchant Vessels, & in keeping in a great degree the Enemy from our coasts—and the confidence of the President, and your Country, in your vigilance, enterprise, & Bravery, is undiminished.

The Coast from Cape Henry to Long Island, is still to be the object of your protection. It is not unlikely that in stretching farther South, you may fall in with Capt. Truxton.

Congress it is expected, will adjourn in two or three days without a positive declaration of War. Yet we shall not on that account, be the less at War with the armed Vessels of France. But it is the policy of this Country & Justice requires, that we should not forget, that we are at Peace with all the rest of the World. You will therefore treat the Vessels, Citizens, & Subjects of all other nations, as you would wish to be treated by them. American Commanders, will not suffer themselves, to be outdone in Zeal & Bravery in the Service of their Country—nor should they, in their attention to the Duties of Hospitality & Humanity. If you should ever fall in with an American Vessel captured by an Armed Vessel of any Nation

at War, the French excepted, you must not retake her. The Law of Nations forbids it, & we must respect that Law. It must be presumed that their Courts will render Justice.

It is hardly necessary in writing to a Brave man who loves his Country, & is employed in her Service, to Suggest the propriety of inculcating upon the Minds of those under his Command, the Same Respect which he himself feels for our Government, Chief Magistrate, Congress, & our Laws. It has been too much the fashion with many of our Civil officers both at home & abroad to indulge themselves in the licentiousness of Villifying the Government & those institutions & those virtuous Characters, which it has been the honor & the happiness of our Country to have produced. This disgraceful licentiousness, I hope will never be tolerated in our Navy. How can we expect to Command respect to our Government, from other Nations, if we do not ourselves, set the example? It is time we should establish a National Character. Let that Character be, love of Country, & Jealousy of its honor & in Seamen, also veneration for our Flag. This Idea comprehends everything that ought to be impressed, & no more than ought to be impressed upon the Mind of all our Citizens, but more especially, of those who are also Seamen & Soldiers.

Wishing you success & honor, I remain

Sir Yr most obed Serv't

BEN STODDERT

You will still call at the Cape, of Delaware, every 10 or 12 Days, to receive any communication necessary to send you.

Capt. RICHARD DALE.

Enclosure in letter from Stoddert to Dale.

JOHN ADAMS President of the United States.

Instructions to the Commanders of armed Vessels belonging to the United States, given at Philadelphia the twenty eighth day of May in the Year of our Lord One Thousand seven hundred and ninety eight and in the twenty second year of the Independence of the said States.

Whereas it is declared by an Act of Congress passed the twenty eighth day of May 1798 that armed vessels sailing under authority or pretence of authority from the Republic of France have committed depredations on the commerce of the United States and have recently captured the vessels and property of Citizens thereof, on and near the coasts, in violation of the law of Nations and treaties between the United States and the French Nation.

Therefore and in pursuance of the said Act you are instructed and directed to seize, take and bring into any port of the United States, to be proceeded against according to the laws of Nations, any armed vessels sailing under authority or

pretence of authority from the Republic of France, which shall have committed or which shall be found hovering on the Coasts of the United States for the purpose of committing depredations on the vessels belonging to Citizens thereof and also to retake any ship or vessel of any Citizen or Citizens of the United States, which may have been captured by any such armed vessel.

By Command,
JAMES MCHENRY.
Secy. of War.

{ WAR OFFICE SEAL }

[Endorsed:] Captain Richard Dale, Commander of the Ship Ganges. James McHenry, Secy. of War.

BENJAMIN STODDERT TO RICHARD DALE.

WASHT, 17 FEBY 1801.

DR SIR:

I have sold to Capt—or rather Lt. Shaw of the Navy, five lots—he pays me 1000 Ds in money the residue about 1500 Ds. one half in 9—one half in 15 months. Now it does not suit my affairs to wait 15, 9 or even 3 months for any money which it is possible for me to get sooner. And therefore I calculate that you will take Shaws notes for the distant payments, & will give me the money, deducting at the rate of one p ct. p month—which is more than you can certainly make in any other way. Shaw you know, is very good, & that he will pay punctually. In order to prevent delay I shall request him to make the notes payable at once to you, but if you prefer to have my name as an endorser, you may have it so, & the notes can be made payable to me.

I have been able to attend so little to my own affairs for the last 30 months, that I shall find them on my retirement from office on the 4 March extremely embarrassed—With a great deal of property, I shall be puzzled to pay as soon as I ought to pay, a good many small Debts & some larger, merely because I cannot turn my resources to account as soon as I wish to do. This difficulty alone a[t] Pres^{t}. has interfered with my arrangements & put back my sales. The Election of Jeff^{n}.—for I fear that will be the result—& probably this Day, will create a shock, which will not pass away for three or four weeks. It is therefore that I impose on you, this req^{t}.—I suppose indeed there will be more People in Phil^{a} who would wish to invest their money in good private, in preference to Public, paper—for they will fear the Funds will go to the Devil under Jefferson's adm^{n}.—but there is no danger of the funds, nor I believe of any thing else—& I am not without hopes that good will arise out of evil.

You have bo^{t}. no lots in the City I believe—I wish you would buy 10,000 D^{s}. worth from me, which in 18 months will be worth to you at least 20,000—but as you did not buy when you were on the spot I do not Suppose you will do it at a distance.

You have seen my report* to the Naval Committee—it will I believe be adopted —Mr Jeffn I understand is not adverse to it—Would you like to be one of the board of Navy officers; there is a bill before the House appointing 3 Captns but they must reside at Washington. Answer this question if you please. S. Smith will I have no doubt, succeed me, & will if he makes the arrangement pursue [the] one I shall suggest.—at least [I] believe so.

I am with great esteem Dr Sir yr most obed Serv.

BEN STODDERT.

[Addressed:] Capt. RICHD DALE, Philadelphia.

THOMAS TRUXTON TO DALE.

UNITED STATES SHIP PRESIDENT
HAMPTON ROAD 22 May 1801.

DEAR SIR

taking it for granted that you will arrive at Hampton this Morning, I send the pinnace for you with an officer—and Shall be gratified by an early opportunity, of Congratulating you on your post—to the Command of the Squadron.

I have the honor to be Dear Sir Your very ob't Servant.

THOMAS TRUXTON.

[Addressed:] RICHARD DALE Esquire.
Hampton

[Endorsed:] Thomas Truxton, on Giving up the Command of the US Ship President to Comdr. R. Dale.

TRUXTON TO DALE.

PERTH AMBOY 8th JUNE 1802

DEAR SIR

I have just returned from New York and found on the table in my study your two favors of the 20th ult. and 1th instant. Mr. Stoddert is now at Boston and is so intri[n]sically a good man in all respects that I feel deeply and anxiously interested for whatever concerns him, but particularly so in disposing of his city lots, as it would relieve his mind from pecuniary embarrassments, occasioned by his long absence from home attending and devoting his whole time at Philadelphia to the publick weal—for which the powers that be would give

* His report of 15 January, 1801, showing the condition of the navy and its expenses, and recommending the creation of a board of navy commissioners (Am. State Papers, Naval, v. 1, no. 21).

him a federalists reward (Ignonimy) had they it in their full Command so to do; for mean are the meritorious Statesman and Soldier by their side—alike stands the wise, alike the brave who with them will not aid, in the distruction of our happy Constitution.

This is what I believe of those in power, and without fear I speak what I believe of that Sect, and write it also. I feel No Necessity to Conceal their baseness or to use delicacy towards them, tho' no person alive is more cautious in this respect even of suspicious characters than I am, but whenever I discover a man, or set of men to be false whom I once knew & respected, I regret his or their depravity and with reluctance say be gone—I shall know you no more. Had Mr Stoddert been Secy. of the Navy when he wrote me at Norfolk last Year, to endeavour to dispose of his Washington lots, which I accomplished by interesting myself in a company—tho' I had at the time more of that sort of property than I wished: You may believe me when I say that I should have declined his agency: lest some jealous and impure wretch, destitute of mind, should have put an unfair and ungenerous construction on a benevolent act; but at that time this invaluable man could in no way serve me—he was not only out of office and opposed to Jefferson and his party, but was poor, as he is now, from not being able to dispose of any part of his fast Estate.

I heard of Your indisposition at New York, but from the manner it was mentioned supposed it no more than the effects of too generous living, common after a long absence to us all; but from your letter I am sorry to find it otherwise, and wish you speedily and completely releived.

Having noticed the two points on which you touched in Your letter of the 20th ult. (Mr Stoddert and your health) I now unfold and lay before me your favour of the 1th current: In which you say you are at a loss to discover my motive in sending you Tingey's letter to read of the 3d of May. Could I for one moment have believed you would have been at a loss to have conjectured or Rather not have seen my motive, some Trouble should have been saved to us both—first I should not have sent it, and secondly you would not have had the trouble of reading it. Especially as among those things I detest most, is to Conjecture; lest I should Conjecture wrong, and thereby injure even in my own mind the innocent, of either sex. You say however, that I will tell you my motive when we meet. I hope we shall meet soon, but lest not so soon as I wish I will tell you now, for I have no secrets of my own heart, and the only secrets of any moment that I ever had was when engaged in trade: now and then I had commercial secrets—or when in service I had a few state secrets.

Heaven and Earth has been witness to the ungentlemanly conduct, I have experienced from the present administration, and of their ingratitude to me as an officer, who throughout the war with France was constantly at sea and ever ready to lay down my life to revenge the wrongs of my country offered by that or any other nation, and as the greatest proof I can boast, I have the nations approbation—which will remain on record when Jefferson and his sect are sunk into obscurity. Yes my friend when they are no more, and not a bone or vestage of them is to be found under the Surface of the earth. These men of little minds and bad hearts "have felt power and forgot right." Their cruelty in my case is unknown among civilized nations—their measures created and adopted by the

secret machinations of midnight caucus's at Washington to destroy me, for not yielding to them my political opinions, was worthy only of Barbarians in Authority. for altho I have always been a federalist and abhored Jacobinism and whatever could tend to disorder—yet not one of the administration ever doubted my obedience to Legitimate orders—tho' the rulers I knew from the first to be inimical to me, particular[l]y the family of the Sec^y of the Navy. It would be too tedious to go into a full detail of the conduct of the governing party here as it respects my dismissal. Suffice it to say, You have not from them heard the truth—they have not spoken the truth in their statement. I was very desirous to go on the service I had engaged in, and consequently did not attempt to enter on any new ground with the Sec^y of the Navy after I arrived at Norfolk, but on the contrary when I found the officers promised did not arrive at their posts, I respectfully contended for what Mr. Smith promised and had in his power to furnish, for if Captain Campbell was not in a condition to go on service in capacity of commander of the flag ship, as the Sec^y was pleased to call my ship, and there was no other captain that he could furnish, why did he not as I had in the autumn proposed knowing there was but nine captains retained, and two of these was never to go on service again—which reduced the number for employment to seven —Give a Lieutenant Commandant to command the Chesapeake. Either Lt Sterrett or Lt Hull would have answered the purpose and both were in port when it was known by Sec^y Smith that Captain Campbell from his crippled state could not go—and with either of those active young men I should have been most completely satisfied.

A Lieutenant Commandant I also mentioned very early in a Common letter of general communication to Mr Stoddert, and in another to Captain Tingey: and I wish you to write Tingey and see if he will not tell you that at my request he Showed it to Mr Sec^y Smith previous to My arrival at Washington in my way to Norfolk.

But what signifies this—It was evident to me on my arrival at Norfolk, that the object was to put me out of service—tho' they did not choose to do it in an off hand and manly manner, but to make the service disagreeable to me:

It is therefore to be judged from what I relate as follows, whether they did or did not make it disagreeable to me in any other Gentlemans mind, save my own. After I had received from the Sec^y of the Navy at Washington, a list of the officers officially made out and handed to me by him in Person. to viz—"A list of the officers of the U S Ship Chesapeake (Commodore Truxton) one of the Squadron &c

Hugh Campbell Captain.

Smith 1st Lieut." The list then goes on to mention the names of three other Lieutenants & a number of midshipmen &c &c.

I Say after I had received this list of officers I proceeded down to Norfolk with all possible expedition, and on my Arrival there found the frigate, with no officer but Lieut. Smith a young man and in a backward state at the wharf at Gosport.

I proceeded however to fit out and to get her stores on board—and in three weeks Completed this Object and at the same time had progressed considerably

in manning the ship which I got down immediately to Crany Island, being joined by another L^{t} and having provided the necessary warrant officers. A few days after I had the ship moored at Crany Island and ready for sea—all but the balance of her men which were entering fast—considering the state of the port as it respected the Number of seamen—I received a letter from Mr Sec^{y} Smith stating that Captain Campbell would not be able to go and that I must make a 3d Lieut to act from one of the midshipmen—without a word of any substitute for Campbell —or of any other Lieutenant comeing on—few of the officers I had a list of having arrived. This letter astonished me and I begun then to be convinced that I had formed a right opinion of the intention of the Sec^{y} and in order to bring things to a point at once—I wrote him of my real situation and that I had reputation to lose, and of the little prospect of gaining any on the service I was going, but that as my reputation was very dear to me, I did not wish to risk it unsupported—that in fact sooner than go out unsupported, and that on a service far distant from home, I would sooner quit the service. He wrote me in reply that he had no captain to give me and that he was obliged to acquiese; and had sent for Captain Morris to take my place. This is the substance of what passed and friends can judge from it whether there was any alternative left for me to act otherwise than I did or prostitute my honor and every feeling dear to an officer.

I will now proceed to explain what caused fear in you to conjecture. In the first moments almost of my tribulation from the Barbarous Treatment I received, and when my feelings were undergoing the most serious trial—every part of me being alive to the most cruel ingratitude and indignity: I received from Captain Tingey a letter dated the 25th day of March, which I do not even now understand, and perhaps never shall truly understand.

I wrote Tingey fully in reply, and received the letter of the 3d May which I sent you to read, and in which he promised a visit to Amboy—but did not come on, which prevented my having a talk with him on my affair. I did believe that Captain Tingey if he opened himself to anybody—would to you at Washington, on his opinion of the administrations Conduct towards me, and if it was as I feared, from circumstances—you would have been enabled to have judged how illy such conduct, and his letter to me of the 3d of May accorded: and that you would have then made me a friendly communication on the subject; for I repeat I do not like to give up an old acquaintance until I am satisfied he is unworthy of being longer considered an acquaintance.

I daily expect Mr Stoddert from New England and shall accompany him to Phil^{a} where I hope to be on Saturday night. Mrs Truxton Joins me in best Respects to Mrs. Dale: make my Comp. to Sam. Cooper also.

Dr Sir your friend
& humb. Servt
in great [haste]

THOMAS TRUXTON

P. S. You wrote me from Gibra[ltar] my letter was Short to you there [you] cant complain of this being so.

RICHARD DALE Esq

JOHN GAINES TO DALE.

GIBRALTAR 28th JUNE 1802.

DEAR SIR

I wrote you a few lines the 29th March last and since then p Capt. Barton when sent the Vine slips &c a [nd] which hope got safe to hand and that they will thrive. We are now rather in an unpleasant situation the Emperour of Morrocco having drawn the Vaile by ordering Consul Simpson out of the country in a state of warr (as they call it) he arrived the 25th Ju: and tells me said Emp: had published in his Publick audience that he had ordered his Cruisers to be fitted out against the Americans. You well know the Situation of this Gutt & how liable it is to calmes when his small Craft & Row Boats will anoy our Trade, some schooners like the Enterprise & Gun Boats as Tenders to the Cruising frigates, out of which they might be Mannd Occasionally and by making use of their Sweeps might Cooperate in anoying the Enemy, so as to protect our Trade. This being the case I beg a new of your goodness in Soliciting for me in adition to my Place as Consul of the U. S. that of their agent for U. S. Ships of Warr as in the present situation of affairs it probably might be worth attention, not doubting but that our friends Captains Barrons & Bainbridge will Contribute thereto if necessary, hoping you will Excuse the trouble. We have here the *Chesapeake* Comod^r^ Morris anxiously looking out for the *Adams* which realy is wanted as well as some other for[t]ies. The Tripolies Ship still in the Mole where they have orders to supply her with Materials if requested, so that they have in View to give the Ship if possible. Lord Keith is gone home. Sir Ja^s^ Saumerez just returned from the Evacuation of Mahon, he is to remain ad^l^: on this station. The Duke of Kent our Govr: seems to be well disposed yet we have not that free access to his R^l^ Highness, as we had to Genl OHarra. My Sister & Bror. desire to be remembered to you, & with best respects to Mrs Dale remain always at your Commands.

Dear Sir
Your assd: hb. S.

RICH^D^ DALE Esq.
&c &c &c

JOHN GAINES.

THOMAS TINGEY TO DALE.

WASHINGTON, 15th AUGUST 1802

MY DEAR DALE

I duly received your favor of the 8th and sincerely congratulate you on your return home, the pleasure of which gratulations would have been much heightened had you announced your perfect recovery. I thank you at the same time for your advice & desire of my benefit by those Springs. But my situation will not now admit, of leaving business either for sake of health or pleasure, nor know I whether my circumstances will ever again permit it.

I observe you saw Mr Law, at New York, who gave you some detail on the subject of our wet & dry docks here contemplated—and on not finding it detail'd in my letter also, say, I "keep all Snug on Navy Affairs." When I wrote You my good friend the business had not commenc'd, I am not certain that it had been spoken of. What the result will be, I can scarcely conjecture, but have some tolerable hopes, that the appropriation will obtain to try the experiment. The President is himself quite sanguine on the Plan, and has repeatedly in large companies declared to me, that if the scheme proves successful, he shall be desirous, and would endeavor to effect the building of a line of Battle-Ship, or a large Frigate every year, until it may be judged that we had a force competent to any emergency. I was desired to effect a survey of heights of the heads of the streams, adjacent, and the necessary length of canals or aqueducts, to fill the Docks, as also the strength & quantity of water these streams will supply in a given time—this has been effected, and the result I conceive favorable to the design. I have to make my report* complete on the subject to lay before the President on his return from Monticello—the latter end of next month.

You will have heard of the intended outfit of the *General Greene,* under the command of Lieut. Chauncey. We had made some progress & were getting tolerably on, when the news of McNeals transactions in the Mediterranean arriv'd as also letters from Morocco, of not the most placid appearances there. A council of our ministers decided that instead of the *Greene* as a Store Ship—a ship of greater force & completely manned & arm'd should instantly proceed. The *New York* is pitch'd on & James Barron appointed to & accepted of the Command. The few men ship'd for the *Greene* & the officers on board, were ship'd [to the *New*] *York* yesterday afternoon and on the [Morrow] God Willing we shall commence our operations on her outfit. From appearances, discourses &c &c—I think you may count on a call into service 'ere the close of the year. We are here all in high health, and rejoice to hear your favorable reports as to the little danger attendant on the Sickness in Phila^da^.

God preserve You and yours from all evil, prays Your affectionate friend.

THO^s^ TINGEY.

The household all desire their love to Good Dorothea & the lovely Boys.

[Addressed:] Commodore RICH^D^: DALE

Chesnut Street, Philadelphia.

---

* See Latrobe and Tingey's report in *Am. State Papers, Naval,* No. 30, dated 4 December and 22 October, 1802.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO NAUTICAL AND NAVAL ART AND SCIENCE, NAVIGATION AND SEAMANSHIP, SHIPBUILDING, ETC.

Part IV.

Naval Art and Science.

General Works on Tactics, etc.

Abeille (Léonce). Marine française et marines étrangères. Politique navale des grandes puissances, les organisations maritimes et les flottes actuelles, economies et réformes. *Paris: A. Colin*, 1906. 2 p.l., 368 p. 12°.

Acton (Carlo). Manuale di attrezzatura, guarnitura, armamento di un bastimento da guerra e preparamento al servizio di mare. Compilato dal brigadiere di marina al ritiro C. Acton. *Napoli: Real Tip. Militare*, 1849. 232 p. 8°.

Adda (Lorenzo d'). Le marine da guerra del mondo al 1897 (Con...illustrazioni). *Milano: U. Hoepli*, 1897. xvi, 320 p. 16°. (Manuali Hoepli.)

Arbuthnot (*Sir* Robert Keith). Commander's order book for a Mediterranean battleship. *Portsmouth: Griffin & Co.*, 1900. xv, 266 p. 24°.

—— Details and station bill for a battleship. *Portsmouth: J. Griffin & Co.*, 1901. xvi, 240 p., 3 tab. 16°.

Armées (Les) et les flottes militaires de tous les états du monde. Composition et répartition en 1904. *Paris: Berger-Levrault et Cie.*, 1904. 83 p. 8°.

Attlmayr (Ferdinand). Studien über Seetaktik und den Seekrieg mit den Kriegsmitteln der Neuzeit. *Pola: C. Gerold's Sohn*, 1875–78. 2 v. xiv, 353; 3 p.l., 382 p. 8°.

Th. 1, Über Seetaktik; Th. 2, Über den Seekrieg.

Bainbridge-Hoff (William). Elementary naval tactics. *New York: J. Wiley & Sons*, 1901. viii, 110 p., 15 pl. 8°.

—— Examples, conclusions, and maxims of modern naval tactics. *Washington: Govt. Prtg. Off.*, 1884. 149 p., 26 pl. 8°. (U. S. Nav. Intell. Off., Gen. Inf. ser. 3.)

Barbier (Henry). Essai sur quelques principes de tactique générale pour le combat d'escadre. (Rev. maritime. v. 168, pp. 105–169. *Paris*, 1906.)

Batsch ( ), *Vice-admiral*. Nautische Rückblicke. *Berlin: Gebrüder Paetel*, 1892. 3 p.l., (1) 4–427 p. 8°.

Bengough (H. M.) The strategical influence of the "fleet in being." Illustrated by the Waterloo and other campaigns. (United Service Maga. *London*, 1898. 8°. n. s., v. 18, pp. 215–223.)

Benjamin (Park). Naval experiments, tried and untried. (Independent. *New York*, 1898. 8°. v. 50, pp. 1036–1039.)

Bernotti (Romeo). La guerra di crociera. (Rivista marittima. anno 37, 1904, pp. 5–38. *Roma*, 1904.)

—— La lotta ravvicinata. (Rivista marittima. anno 37, pp. 199–221. *Roma*, 1904.)

—— Riflessioni sulla strategia navale. (Rivista marittima. anno 36, pp. 417–452. *Roma*, 1903.)

—— Lo studio della tattica navale. (Rivista marittima. anno 35, pp. 247–275. *Roma*, 1902.)

—— Sui fondamenti della tattica navale. (Rivista marittima. anno 34, pp. 401–433. *Roma*, 1901.)

—— Sul combattimento a distanza. (Rivista marittima. anno 38, pp. 241–269. *Roma*, 1905.)

—— La velocità nella tattica navale. 3 pl. (Rivista marittima. anno 33, trimestre 1, pp. 35-65; 251–287; trimestre 2, pp. 269–297. *Roma*, 1900.)

—— Speed in naval tactics. 2 diag. (Jour. Roy. United Service Inst. v. 44, pp. 1269–1293. *London*, 1900.)

Bertin (L.-E.) État actuel de la marine de guerre. *Paris: G. Masson* [1893]. 188 p. 12°. (Encycl. scient. d. aide-mém. [Sect. de l'ingén.])

Biddlecombe (George). Naval tactics and trials of sailing; illustrated by diagrams of the several evolutions. To which are added the established plan of lights for steam-vessels... *London: C. Wilson*, 1850. xvi, 176 p., 5 plans, 1 pl., 1 tab., celluloid protractor inserted in pocket. 4°.

—— Steam fleet tactics; to which is added trials of sailing, illustrated by diagrams of the several evolutions...in two parts... *London: C. Wilson*, 1857. xiv, 1 l., 52 p., 3 pl., 1 tab. 4°.

Bigot de Morogues (Sebastien Francois), *vicomte*. Tactique navale; ou, Traité des évolutions et des signaux. Avec figures en taille-douce. *Paris: H. L. Guerin & L. F. Delatour*, 1763. 2 p.l., x, 480 p., 1 l., 49 pl. 4°.

"Black Joke," *pseud.* A.B.G.B.S. [*i. e.*, all big gun battle ship] (United Ser. Mag. v. 155, pp. 576–587. *London*, 1907.)

Blake (John). How sailors fight. An account of the organisation of the British fleet in peace and war, with some tactical illustrations of the behaviour of modern fighting ships in action...Sixty-eight illustrations. *London: G. Richards*, 1901. 260 pp. 12°.

Blunt (Edmund M[arch]). Theory and practice of seamanship; together with a system of naval tactics: with the rules...for the naval service... Compiled by Edmund M. Blunt... *New York: E. M. Blunt*. 1824. viii. 420 p., 9 pl. 2 ed. 8°.

Naval Art and Science, cont'd.

Börresen (Jacob). A new tactical system. (Jour. Roy. United Service Inst. v. 47, pp. 326–337. *London*, 1903.)

Bollati di Saint-Pierre (Eugenio). Appunti di arte militare navale, dettati agli ufficiali della scuola di guerra. Pt. 3. *Torino: F. Casanova*, 1903. 1 v. 8°.

Pt. 3. Navi da guerra e difese costiere. 1903.

Bonamico (D.) "Il governo tattico delle flotte" di Rudolf von Labrès. (Rivista marittima. Anno 35, pp. 193–253. *Roma*, 1902.)

—— La tattica navale nel secolo xix. (Rivista marittima. anno 34, pp. 257–287. *Roma*, 1901.)

Bourdé de Villehuet (Jacques). Le manœuvrier; ou, Essai sur la théorie et la pratique des mouvements du navire et des évolutions navales. *Paris: Dessaint*, 1769. xxxii, 406 p., 8 pl. 12°.

—— The manœuvrer, or skillful seaman: being An Essay on the Theory and Practice of the various movements of a ship at sea, as well as of naval evolutions in general. Translated from the French of Mr. Bourdé de Villehuet. By the chevalier de Sanseuil. Illustrated with thirteen copperplates; five of which, with many interesting observations interspersed through the work, by way of notes, are the production of an English officer. Dedicated, by permission, to his royal highness the Duke of Clarence. *London: S. Hooper*, 1788. iv, viii, [v–] vi, (4 l.), vi, 309 p., 10 pl. 4°.

Bourgois (Siméon). Études sur les manœuvres des combats sur mer. *Paris: Berger-Levrault et Cie.*, 1876. 2 p.l., 142 p. 8°.

Repr.: Revue maritime et coloniale.

Bowles (T. G.) Maritime warfare. *London: Ridgway*, 1878. 2. ed. 8°.

Boyd (John McNeil). Manual for naval cadets. 3d edition. *London*, 1864. col. pl. 12°.

Bravetta (E.) Lo sviluppo marittimo nel secolo xix. (Riv. Marittima. Anno 39, suppl. fasc. 3, pp. 1–51; fasc. 7, pp. 1–40; fasc. 8–9, pp. 1–114. *Roma*, 1906.)

Bridge (*Sir* Cyprian). The art of naval warfare; introductory observations. *London: Smith, Elder & Co.*, 1907. xii, 255 p. 12°.

—— Naval strategy and tactics at the time of Trafalgar. [With discussion.] (Transac. Inst. Naval Architects. v. 47, pp. 273–284; 301–315. *London*, 1905.)

Brommy (Rudolf), *and* H. von Littrow. Die Marine. Eine gemeinfassliche Darstellung des gesammten Seewesens...Dritte...Auflage von F. von Kronfels...Schiffportraits von H. Penner... *Wien: A. Hartleben*, 1878. xvi, 623 p., 13 pl., 4 tab. 8°.

Bruce (A. C.) Station bill and detail book of H. M. S. —— torpedo boat destroyer. *Aberdeen: J. Avery & Co.*, 1904. 112 p. 16°.

Burchard (H.) Marines étrangères... *Paris: Berger-Levrault & Cie.*, 1891. ix, 628 p., 1 l. 8°. (Bibliothèque du marin.)

Butakov (Grigori Ivanovitch. Nouvelles bases de tactique navale; traduites du russe par H. de la Planche. *Paris* [1864]. 26 pl. 8°.

Campbell (Charles). Essay on steam tactics in a general action. 44 p., 1 plan. (In: Noel, G. H. U., The Gun, ram, and torpedo. *London:* 1874. 8°. [Pt.] 3.)

Carfort (René de). Introduction à l'étude de la tactique navale. (Rev. Maritime. *Paris*, 1899. 8°. v. 140, pp. 5–57.)

—— An introduction to the study of naval tactics. By René de Cartout [*sic*]. Translated by Prof. Jules Leroux. (Proc. U. S. Naval Inst. v. 26, pp. 287–332. *Annapolis*, 1900.)

Casy ([Joseph Grégoire]). Organisation du personnel d'un vaisseau. *Paris: Carilian-Goeury et V. Dalmont*, 1840. 4 p. l., xiv, 1 l., 327 p., 1 l. 8°.

Chalaud-Arnault (C.) Des passages de vive force et de l'attaque des places maritime par les flottes actuelles. *Paris*, 1877. 8°.

Champenois (Claude). Les armements maritimes. Cours professé à l'École Supérieure de commerce de Marseille...Tome 1–2. *Paris: Berger-Levrault & Co.*, 1895. 2 v. illus. 8°. (Bibliothèque d'enseignement commercial.)

Chasseloup-Laubat (de). Les marines de guerre modernes. *Paris: Vve. C. Dunod*, 1903. 2 p.l., 376 p. 4°.

[**Chateauveron** (L. de).] L'école de l'administration maritime, ou, Le matelot politique. *La Haye: The Author* [1765?]. xxii, 269 p., 1 l. 16°.

Cimaglia (Vincenzo Maria). Tratto completo di tattica navale fondato sopra i principj invariabili della scienza... *Reggio: Tipografia dell' Intendenza*, 1820. 1 p.l., 290 p., 1 table. 16°.

Clarke (G. S.) Naval aspects of the Spanish-American war. 2 pl. (Naval Annual. 1889. pp. 123–174. *Portsmouth*, 1869.)

—— Scouting. 1 pl. (Naval Annual, edited by T. A. Brassey. *Portsmouth, Eng.*, 1898. 8°. pp. 167–188.)

Clerk (John). An essay on naval tactics, systematical and historical. With explanatory plates. *London: T. Cadell*, 1790–'97. 4 pts. in 2 v. sq. 4°.

—— —— *Edinburgh: A. Constable & Co.*, 1804. 2. ed. 2 p.l., xvi, 5–287 p., 63 pl. 4°.

—— —— Third edition, with notes by Lord Rodney, and an introduction by a naval officer. *Edinburgh: A. Black*, 1827. xlv, 331 p., 52 pl. 8°.

Colomb (Philip Howard). Coal supply, speed, guns and torpedoes in modern naval war. (Cassier's maga. *New York*, 1898. 8°. v. 14, pp. 283–302.)

—— Essays on naval defence. *London: W. H. Allan*, 1893. vi, 328 p. 12°.

—— Naval warfare; its ruling principles and practice historically treated. *London: W. H. Allen*, 1891. xii, 448 p., 37 maps. 8°.

—— —— *London: Allen*, 1899. 3. ed. xviii, 471, li p., 5 charts, 26 maps, 13 plans, 4 plates. 4°.

—— La tactique navale moderne. Ouvrage traduit de l'Anglais. *Paris: A. Bertrand* [1870?]. 1 p.l., 38 p., 1 l., 2 pl. 8°.

Naval Art and Science, cont'd.

Corbett (Julian Stafford). Fighting instructions 1530–1816. Edited with elucidations from contemporary authorities by J. S. Corbett. [*London:*] *Navy Records Soc.*, 1905. xvi, 366 p. 8°. (Navy Records Soc. Pub. v. 29.)

Corry (Alvin Coote). The executive officer's orders, &c. With regard to the internal economy of a man-of-war. Compiled and arranged by A. C. Corry. *Portsmouth: Messrs. Griffin & Co.*, 1888. viii, 110 p. 8°.

Croneau (A.) Quelques réflexions sur la marine. (Rev. maritime. v. 170, pp. 229–256. *Paris*, 1906.)

Cuverville (de), *Vice-Amiral.* Les leçons de la guerre. Port Arthur-Tsoushima. Ce qu'il faut à la marine. *Paris: Berger-Levrault & Cie.*, 1906. vii, 198 p. 12°.

D. (R.) Distribution des forces des puissances maritimes dans l'Extrême-Orient. (Rev. de géog. v. 51, pp. 289–307. *Paris*, 1902.)

Dahlgren (John Adolphus Bernard). Form of exercise and manœuvre for the boat-howitzers of the U. S. Navy. *Philadelphia: A. Hart*, 1852. 16 p., 4 pl. 8°.

Daveluy (René). Étude sur le combat naval. *Paris: Berger-Levrault & Cie.*, 1902. vii, 155 p., 1 l. 8°.

—— Étude sur la stratégie navale. *Paris: Berger-Levrault & Cie.*, 1905. xvii, 423 p. 8°.

—— Les leçons de la guerre russo-japonaise. Lu lutte pour l'empire de la mer. Exposé et critique. *Paris: A. Challamel*, 1906. viii, 231 p., 3 maps. 8°.

Dawson (A. B. F.) In the existing state of development of warships, and of torpedo and submarine vessels, in what manner can the stategical objects, formerly pursued by means of blockading an enemy in his own ports, be best attained? (Jour. Roy. United Serv. Inst. v. 48, pp. 875–914. *London*, 1904.)

Dewar (A. C.) In the existing state of warships and of torpedo and submarine vessels, etc. [as above] (Journal Roy. United Service Inst. v. 48, p. 329–378, 457–509. *London*, 1904.)

—— Étude sur la stratégie navale. (Rev. Maritime. v. 170, pp. 57–103; 511–541; v. 171, pp. 109–136. *Paris*, 1906.)

Dobbie (W. G. S.) The British navy. Types of warships required. (Empire Rev. v. 13, pp. 139–144. *London*, 1907.)

Domini (Vincenzo de), *conte.* Lezioni de manovra navale ad uso delle scuole nautiche e dei giovani marini... *Fiume: Ercole Rezza*, 1862. xii, 284 p., 1 pl. 8°.

Dumont ( ). Projet d'appareil destiné à faciliter les manœuvres d'escadre. 1 pl. (Rev. maritime. v. 155, pp. 2383–2389. *Paris*, 1902.)

Eastwick (J.) The new Centurion. A tale of automatic war. *London: Longmans, Green & Co.*, 1895. 94 p. 12°.

1899 (The) manœuvres. By a correspondent with a fleet. (Navy League Jour. v. 4, pp. 148–152, etc. *London*, 1899.)

Ellicott (John M.) Naval reconnaissance in time of peace. 1 pl. (Proc. U. S. Naval Inst. v. 27, pp. 561–579. *Annapolis*, 1902.)

Engagement (L') des croiseurs au large de Scilly. (Traduit du Times.) 1 pl. (Rev. maritime. v. 152, pp. 424–431. *Paris*, 1902.)

F. (A. de). Comparaison de l'effet utile des budgets des puissances maritimes. (Rev. maritime. v. 152, pp. 5–13. *Paris*, 1902.)

Farret (E.) Questions de stratégie navale. *Paris: L. Baudoin*, 1896. 36 p. 8°.

Fiske (Bradley A.) The naval profession. (U. S. Naval Inst. Proc. v. 33, pp. 475–578. *Annapolis*, 1907.)

Fletcher (W. J.) Naval tactics in the past. (Nineteenth Century and after. v. 54, pp. 722–740. *London*, 1903.)

Fliegende (Die) Division (The fast wing.) (Mitteil. a. d. Gebiete d. Seewesens. v. 31, pp. 335–356. *Pola*, 1907.)

Flotten-Manöver (Die) 1901, 1903. *Berlin*, 1901–03. 8°.

Flottes (Les) de combat. [Par R.] de Balincourt. Édition [1]–5. (1897, 1900, 1903, 1904, 1906. *Paris*, 1897–1906. 8° and ob. 32.)

1897 and 1900 title reads: Les Flottes de combat étrangères.

Flussflottillen. (Streffleurs österr. militär. Zeitschr. (v. 77) Jahrg. 41, v. 1, pp. 113–129. *Wien*, 1900.)

Fordyce (Alexander Dingwall). Outlines of naval routine. *London: Smith, Elder & Co.*, 1837. xvi, 230, ii p., 6 pl., 5 tab. 8°.

France.—*Marine et des Colonies, Ministère de la.* Tactique navale. Extrait comprenant: 1° les instructions générales; 2° les principes pour la chasse; 3° la tactique navale à vapeur et à voiles. *Paris: J. Dumaine*, 1857. 2 p.l., 252 p. 16°.

France.—*Marine et des Colonies, Min. de la.* Arrêté ministériel du 24 juin 1886 sur le service interieur à bord des batiments de la flotte. *Paris: L. Baudoin*, 1892. 387 p. 16°.

Freysinn ( ). La politique navale nécessaire et suffisante: suite à la guerre de la forteresse sur mer. (Marine française. année 15, pp. 393–399. *Paris*, 1902.)

Fullam (William F.) The recruit's handy book, United States Navy...[*Baltimore: Lord Baltimore Press*, 1903.] 1 p.l., 80 p., 1 pl. 4. ed. 16°. (U. S. Navigation Bureau.)

G. (H. B.) A French naval officer on the coming naval war. (Nautical Maga. v. 69, pp. 65–79. *London*, 1900.)

Gagliardi (Edoardo). Elementi di manovra navale compilati ad uso degli allievi della R. Accademia Navale. *Livorno: Tip. di Raff. Giusti*, 1888. xxi, 506 p., 34 pl. 8°.

Gavotti (Giuseppe). Guerra navale-littoranea; alcuni esempi di spedizioni nei due grandi periodi delle armi. *Roma: Forzani & C.*, 1901. 2 v. 8°.

—— Pensieri navali. Novembre 1880–gennaio 1903. *Roma: Forzani e C., Tip. del Senato*, 1905. 213 p., 1 l. 8°.

—— La tattica nelle grandi battaglia navali da Temistocle a Ito. Parte 1–[4]. *Roma: Forzani e C.*, 1898. 2 v. in 1. 8°.

Naval Art and Science, cont'd.

Germany.—*Marine Amt.* Handbuch zur Instruktion des technischen Personals der kaiserlichen Marine. *Kiel: Lipsius & Tischer*, 1905. 2 p.l., 95 p. 8°.

Gilman (H. K.) The naval brigade and operations ashore: a hand-book for field service... *Washington: Govt. Prtg. Off.*, 1886. 301 p., 5 l., 10 pl. 12°. (Naval Professional Papers, no. 20.)

Gonsalez (Giustino). Idee generali di strategia e tattica navale moderna. *Firenze: G. Barbèra*, 1895. 69 p. 8°.

Goodrich (C. F.) Naval intelligence during war. (Proc. U. S. Naval Inst. v. 29, pp. 357–368. *Annapolis*, 1903.)

—— Scouts. (Proc. U. S. Naval Inst. v. 29, pp. 569–580. *Annapolis*, 1903.)

Gove (Charles A.) An aid for executive and division officers. Published by the U. S. Naval Institute, Annapolis, Md. *Baltimore, Md.: The Lord Baltimore Pr.*, 1899. 175 p. illus. 4°.

—— Watch quarter and station bill, "an aid to executive and division officers." (Proc. U. S. Naval Inst. v. 25, pp. 479–513. *Annapolis*, 1899.)

Great-Britain.—*Admiralty.* Rifle and field exercises for His Majesty's fleet. *London*, 1904. v. 1. 32°.

—— —— Text book for Royal Naval Volunteer Reserve: including hints on discipline and drill, and other information that may prove of use to the officers and men of the force. *London* [1905]. 84 p. 12°.

Grenier (J. R. de), *Viscount.* The art of war at sea; or, Naval tactics reduced to new principles: with a new order of battle. Tr. from the French by the Chevalier [J. N. Jouin] de Sauseuil. *London: S. Hooper*, 1788. viii, xiv, 15–60 p., 4 pl. 4°.

Guerre (La) en 190...sur terre et sur mer. (Rev. maritime. v. 141, pp. 325–376. *Paris*, 1899.)

Heere und Flotten aller Staten der Erde; von T., Major a. D. Jahrg. 1903–1906. *Leipzig*, 1903–1906. 8°.

1906 published in Berlin.

Heere (Die) und Flotten der Gegenwart. Hrsg. von J. von Pflug-Harttung... [and others]. Bd. 1–[8]. *Berlin: Schall & Grund*, 1896–1905. 8 v. 4°.

Bd. 2–[8] edited by C. von Zepelin.
Bd. [5–8] not numbered; published by A. Schall.
Bd. 1. Deutschland. Das Heer, von A. v. Boguslawski. Die Flotte, von. R. Aschenborn. [1896]
Bd. 2. Grossbritannien und Irland. Das Heer, von ***. Die Flotte, von A. Stenzel. [1897]
Bd. 3. Russland. Das Heer, von A. v. Drygalski [and] C. v. Zepelin. Die Flotte, von C. F. Batsch. [1898]
Bd. 4. Oesterreich-Ungarn. Das Heer, von C. v. Kählig. Die Flotte, von R. von Jedina. [1898]
Bd. [5]. Frankreich. Das Heer...von Hepke. [1900]
Bd. [6]. Frankreich. Die Flotte, von C. F. F. Batsch [and] Meuss. [1900]
Bd. [7]. Italien. Die Flotte, von C. Paschen. [1902]
Bd. [8]. Die Wehrmacht der Türkei und Bulgariens, von R. v. Mach. 1905

Hewett (W. W.) Order book for executive officers of the Royal navy. Compiled by Capt. W. W. Hewett. *Portsmouth: J. Griffin & Co.*, 1900. 6 p.l., 6–176 p. 2. ed. 8°.

Hill (Arthur). Watch bill for Royal marines. *Portsmouth: J. Griffin & Co.*, 1903. 156 p. [3. ed.] 16°.

Hoff (Willaim Bainbridge). *See* **Bainbridge-Hoff** (William).

Hoste (Paul). L'art des armées navales; ou Traité des evolutions navales...[with] Théorie de la construction des vaisseaux. *Lyon: Anisson & Posuel*, 1697. 2 pts. in 1 v. f°.

—— Treatise on naval tactics, transl. by Capt. J. D. Boswell. *Edinburgh*, 1834. 4°.

Inglefield (E. A.) Naval tactics; with some remarks on the recent experimental cruising of the Mediterranean and channel squadrons... *Washington: Govt. Prtg. Office*, 1869. 28 p., 3 diagr. pap. 8°. (U. S. Nav. Bur.)

Repr.: Journal of the Royal United Service Institution. 1868.

International Columbian naval rendezvous and review of 1893 and naval manœuvres of 1892. August, 1893. *Washington: Govt. Prtg. Off.*, 1893. 238 p., 3 maps, 2 plans. 8°. (U. S. Nav. Intell. Off., Gen. Inf. ser. 12.)

Jane (F. T.) The Jane naval war game. 1 pl. (Jour. Roy. United Service Institut. *London*, 1899. 8°. v. 43, pp. 148–160.)

—— The naval war-game between the United States and Germany. (Scientif. Amer. suppl. v. 54, pp. 22555, 22569–22570; v. 55, pp. 22586–22587, 22599–22600, 22632–22633, 22640–22641, 22658, 22680, 22712–22713, 22728–22729, 22744–22745, 22752–22753, 22771–22773, 22784–22785. *New York*, 1902–'03.)

—— The Jane naval war game. (Engineer. *London*, 1898. f°. v. 86, pp. 581.)

NIBLACK (A. P.) The Jane naval war game in the Scientific American. (Proc. U. S. Naval Inst. v. 29, pp. 581–660. *Annapolis*, 1903.)

Japan's object-lessons in naval warfare. [Signed] Excubitor. (Fortnightly. v. 81. (n. s. v. 75.) pp. 931–945. *London*, 1904.)

—— —— (Living Age. ser. 7, v. 24, pp. 1–12. *Boston*, 1904.)

Klado ( ). Notes sur l'art militaire naval. (Rev. maritime. v. 155, pp. 2467–2500. *Paris*, 1902.)

Kombinirten (Die) Manöver in der Adria. (Internat. Rev. u. d. gesammten Armeen u. Flotten. Beiheft 34, 1902, pp. 1–16. *Dresden*, 1902.)

Krieg im Frieden, Teil 1–2. Kaisermanöver [und] Flottenmanöver, 1903. *Berlin: A. Scherl* [1903]. 2 pts. f°. (4. Sonderhefte der Woche.)

Labrés (Rudolf van). Die Flottenführung im Kriege auf Grund des Doppelstaffel-Systems. *Berlin: E. S. Mittler & Sohn*, 1900. xvi, 424 p., 5 pl. 8°.

—— Taktische Betrachtungen über das Doppelstaffel-System. (Mittheil. a. d. Gebiete d. Seewesens. v. 29, pp. 201–251. *Pola*, 1901.)

Laughton (John Knox). Essay on naval tactics. (In: Noel (Gerard H. U.) The gun, ram and torpedo ... *London*, 1874. 12°. 1 p.l., 95 p., 5 pl.)

Ledieu (Alcius), *and* E. CADIAT. Le nouveau matériel naval. t. 1–2 and atlas. *Paris: V. C. Dunod*, 1889–1890. 3 v. 4°, and sq. f°.

Legrand (J.) La guerre sur mer et ses leçons. (Marine française. année, 13, pp. 82–89. *Paris*, 1900.)

Naval Art and Science, cont'd.

Leroi (Maurice). Les armements maritimes en Europe. *Paris: Berger-Levrault et Cie.*, 1889. 2 p.l., 322 p., 1 l. 12°.

Lesti (Leone). Alcuni elementi di peso delle navi da guerra. 1 pl. (Rivista marittima. anno 33, trimestre 1, pp. 471–477. *Roma*, 1900.

[**Levy** (Uriah P.)] Manual of rules for men-of-war. *New York: Appleton & Co.* [186–?] 24 p. 16°.

—— —— *New York: Appleton & Co.* [186–?] 24 p. [2. ed.] 16°.

—— —— *New York: D. Van Nostrand*, 1861. 70 p. [3. ed.] 16°.

Lewal (Léon). Traité pratique d'artillerie navale, et tactique des combats de mer. *Paris* [1863]. text, 3 v.; atlas, 8°.

Llave y Garcia (Joaquin de la). Marina de guerra, guerra maritima y defensa de las costas... *Madrid: Imp. Memorial de Ingenieros*, 1899. 234 p. 4°.

—— —— 228 p. (Mem. de Ingen. del ejército. año 54, ser. 4, v. 16. Suppl. paging. *Madrid*, 1899.)

Lockroy (Édouard). La défense navale. *Paris: Berger-Levrault*, 1899. xxxi, 551 p. 8°.

—— Le programme naval. *Paris: H. Charles-Lavauzelle*, 1906. 262 p. 12°.

[**Lockwood** (H. H.)] Exercises in small-arms and field artillery, arranged for the naval service. *Philadelphia: T. K. and P. G. Collins, prtrs.*, 1852. viii, 1 l., 11–168 p., 104 pl. 8°. (U.S. Ordnance Bureau.)

Loir (M.), *and* G. de Caqueray. Flotte und Fortschritt... Uebersetzung aus dem Französischen von A. v. L***. *Berlin: H. Costenoble*, 1902. 4 p.l., 142 p., 1 l. 8°.

Lowry (R. S.) Tactics in the Jane naval war game as exhibited in various navies. 1 pl. (Jour. Roy. United Service Inst. v. 44, pp. 248–257. *London*, 1900.)

Macintosh (J.) New strategies in warfare: with economy of life and money in national defense. *London: E. Wilson*, 1853. 26 p., 5 pl. 8°.

Mackenzie (A. S.) Popular essays on naval subjects; by the author of A year in Spain [i. e., A. S. Mackenzie]. *New-York*, 1833. 16°.

McLean (Ridley). *See* **United States**, *Navigation Bureau*, Blue jacket's manual.

Mahan (Alfred Thayer). Considerations governing the disposition of navies. (Nat. Rev. v. 39, pp. 701–719. *London*, 1902.)

—— The influence of sea power upon the French Revolution and Empire, 1763–1812. *Boston: Little, Brown & Co.*, 1892. 2 v. 8°.

—— —— *Boston*, 1894. 2 v. 2. ed. 8°.

—— The influence of sea power upon history, 1660–1783. *Boston: Little, Brown & Co.*, 1890. xxiv, 557 p., 8 maps, 17 pl. 8°.

—— —— *Boston*, 1894. 7. ed. 8°.

—— The interest of America in sea power, present and future. *Boston: Little, Brown & Co.*, 1897. vi, 2 l., 314 p., 2 maps. 8°.

—— Lessons of the war with Spain, and other articles. *Boston: Little, Brown & Co.*, 1899. xvi, 1 l., 320 p., 1 l., 2 maps. 8°.

—— La guerra naval y sus enseñanzas. iv, 7–128 p. (Revista general de marina. Suppl. *Madrid*, 1899.)

—— Guerre hispano-américaine (1898). La guerre sur mer et ses leçons. Traduit de l'anglais avec l'autorisation de l'auteur par le Comte A. de Diesbach. *Paris: Berger-Levrault & Cie.*, 1900. 3 p.l., 179 p., 1 l. 8°.

—— The principles of naval administration. (Nat. Rev. v. 41, pp. 546–565. *London*, 1903.)

—— Sea power in its relations to the war of 1812. *Boston: Little, Brown & Co.*, 1905. 2 v. diagr., maps, plans, pl., ports. 8°.

Makaroff (S. J.) Discussion of questions in naval tactics, translated from the Russian by John B. Bernadou, U. S. N. *Washington: Govt. Prtg. Office*, 1898. 188 p., 29 pls. 8°. (U. S. Naval Int. Office. Genl. Inf. ser. 17, pt. 2.)

Manœuvres (Les) navales de 1902. (Rev. de Paris. 1902, v. 6, pp. 148–170. *Paris*, 1902.)

Manual of gunnery instructions for the navy of the United States. Compiled from the ordnance instructions for the U. S. navy, for the use of the United States' Naval Academy. *New York: D. Van Nostrand*, 1864. 182 p., 1 l., 8 pl. 32°.

Margutti (Albert). Die Meeresbeherrschung in ihrer Rückwirkung auf die Landoperationen des grossen Krieges. Ein Beitrag zum Studium moderner Strategie. Mit 5 Kartenskizzen. *Wien: W. Braumüller*, 1900. 4 p.l., 134 p. 8°.

Martelli (Charles). The naval officer's guide for preparing ships for sea. *London: R. Bentley*, 1834. xii, 328 p. 8°.

Mason (Theodorus Bailey Myers). Naval light artillery tactics, adapted to the naval 3-in. B. L. rifle howitzers, M. L. rifled and S. B. howitzers. and Gatling guns. *Washington*, 1876. pl. sq, 24°.

—— Occasional papers. (U. S. Naval Institute. Record, v. 2, no. 4, 7.) [*Annapolis*, 1876–77.] pl. 8°.

May (H. J.) Marines étrangères. Le canon, la torpille et l'éperon. Essai de tactique moderne. (Rev. maritime. *Paris*, 1898. 8°. v. 136, pp. 523–578; v. 137, pp. 77–114.)

—— La tactica de combate más adaptada á los buques y armas del día. 13 pl. (Revista general de marina. v. 42, pp. 747–774; 909–931; v. 43, pp. 103–127; 237–271. *Madrid*, 1898.)

Meulen (Marc de.) La marine moderne. Construction des navires. Paquebots. Batiments de guerre. Artillerie. Organisation des principales marines militaires. *Paris: Firmin-Didot et Cie.*, 1892. x, 249 p., 1 l., 1 pl. illus. 4°.

Modera (J.) Onderlinge vergelijking der Nederlandsche werken over de zee-taktiek en der seinboeken voor de Nederlandsche zeemagt, van 1808 en 1855; in alphabetische orde zamengesteld ... *Te Amsterdam: Wed. G. Hulst van Keulen*, 1856. 61 p., 1 pl. 8°.

Overgedrukt uit de Verhandelingen en Berigten betrekkelijk het zeewezen en de zeevaartkunde, door Jacob Swart, Jaargang 1856, no. 1.

Naval Art and Science, cont'd.

Molli (Giorgio). La marina antica e moderna ... *Genova: A. Donath*, 1906. 2 p.l., cxxxii, 608 p., 1 pl. illus. 4°.

Montero y Rapallo (Manuel). Ensayo de estrategia naval ... *Madrid: R. Alvarez*, 1892. 512 p., 1 pl. f°.

Moorsom (Constantine Richard). The principles of naval tactics exemplified: with tables for facilitating the several evolutions; and an apx. containing the trigonometrical demonstrations. *London: W. Clowes & Sons*, 1843. 32 p., 6 diagr. 8°.

Mueller (Karl Konrad). Eine griechische Schrift über Seekrieg. Zum ersten Male ... herausgegeben und untersucht von K. K. Müller. *Würzburg: A. Stuber*, 1882. 53 p. 8°.

Naval mobilization and improvement in matériel. June, 1889. *Washington: Govt. Prtg. Off.*, 1889. vii, 485 p., 40 diagr., 2 plans, 4 pl. 8°. (U. S. Nav. Intell. Off., Gen. Inf., ser. 8.)

Naval war game in the Russian navy. (Engineer. v. 88, pp. 288–289. *London*, 1899.)

Naval (The) war game. A strategical campaign. (Engineer. *London*, 1898. f°. v. 85, pp. 544–546.)

Netherlands.—*Marine, Departement van.* Algemeen reglement betreffende het gebruik der batterij, en aanwijzingen omtrent het gereedmaken van het schip tot gevecht ... *'s-Gravenhage: de Gebroeders van Cleef*, 1899. 2 p.l., 110 p., 1 map. 12°.

Interleaved.

Next (The) naval battle: a forecast. [Signed: Active list.] (Blackwood's Maga. v. 172, pp. 288–302. *London*, 1902.)

Niblack (A. P.) The elements of fleet tactics. (Proc. U. S. Naval Inst. v. 32, pp. 387–445. *Annapolis*, 1906.)

1901 Manœuvres. (Navy League Jour. v. 6, pp. 179–180. *London*, 1901.)

Noel (Gerard Henry Uctred). The gun, ram and torpedo. Manœuvres and tactics of a naval battle in the present day ... Prize essay by Gerard H. U. Noel. To which are added two essays by J. K. Laughton and C. Campbell ... *London: J. Griffin & Co.*, 1874. 2 p.l., vi, 1 l., 108, 1 l., 95, 2 l., 44 p., 14 pl. illus. 12°.

Notes on the principles of naval battle tactics. By "Experience." (United Service Maga. v. 152, (n. s. v. 31.), pp. 571–580. *London*, 1905.)

Observations and instructions for the use of the commissioned, the junior, and other officers of the Royal navy ... with an appendix, being a complete set of forms for watch, station, and quarter bills for ships of war. By a captain of the Royal navy. *London: P. Steel*, 1804. iv, 1 l., 78, 1 l., 7 p. 8°.

O'Laughlin (John Callan). The search problem and the navy's needs. (Independent. v. 55, pp. 76–81. *New York*, 1903.)

Ommanney (R. N.) Notes on the management of ships in a fleet. *Portsmouth: Griffin & Co.*, 1898. 24 p. 16°.

Degli **Ordini** di marcia e di combattimento delle flotte. Saggi di concorso a premio, per gli ufficiali della r. marina C. Grillo, E. Algranati, M. Cattori, E. D'Agliano. *Roma: Barbèra*, 1881. 445 p., 9 pl. 8°.

Extr.: Rivista marittima, aprile-maggio e giugno 1881.

Ozanne (N. P.), *l'ainé.* Marine militaire ou recueil des différens vaisseaux qui servent à la guerre. Suivis des manœuvres qui ont le plus de raport au combat ainsi qu'à l'ataque et la deffense des ports. *Paris: Chereau* [1762?]. 50 pl. 8°.

Pacini (E.) La marine: arsenaux, navires, équipages, navigation, atterrages, combats. Illustrations de Morel-Fatio. *Paris: L. Curmer*, 1844. 2 p.l., 240 p., 31 pl. 4°.

Papers on naval architecture and other subjects connected with naval science. Conducted by William Morgan and Augustin Creuze ... *London: G. B. Whittaker*, 1827. v. 1, no. 3. iv, 225–336 p., 2 pl. 8°.

Papers on squadrons of evolutions and the recent development of naval matériel. June, 1886. *Washington: Govt. Prtg. Off.*, 1886. 3 p.l., 265 p., 8 diagr., 7 maps, 1 plan, 7 pl. 8°. (U. S. Nav. Intell. Off. Gen. Inf. ser. 5.)

Park (R.) The art of sea-fighting ... *London: R. Mount & T. Page*, 1706. viii, 61, 240 p., 9 maps. 12°.

Parker (Foxhall Alexander). Fleet tactics under steam. With illustrations. *New York: D. Van Nostrand*, 1870. 250 p. 24°.

—— Squadron tactics under steam. *New York*, 1864. pl. 8°. (U. S. Navy Dept.)

Paullin (Charles Oscar). The conditions of tbe continental naval service. (U. S. Naval Inst. v. 32, pp. 585–595. *Annapolis*, 1906.)

Pellew (Pownoll). Fleet manœuvring. *London: W. O. Mitchell*, 1868. vi, 91 p., 9 diag., 1 pl. 4°.

Penhoat (Jérôme Hyacinthe). Éléments de tactique navale. *Paris: Berger-Levrault et Cie.*, 1879. 2 p.l., 272 p. 4°.

Plueddemann (M.) Modernes Seekriegswesen. *Berlin: E. S. Mittler u. Sohn*, 1902. vii, 298 p., 8 pl. 8°.

Pouleur (Hector). La marine militaire. (Rev. univers. d. mines. sér. 3, v. 57, pp. 129–197. *Paris*, 1902.)

—— Torpilleurs & sous-marins. La tactique navale et les enseignements de la guerre russo-japonaise. *Liège: C. Desoer*, 1904. 74 p., 2 pl. 8°.

Primerano (Domenico). Navi e fortezze. (Nuova antologia. *Roma*, 1898. v. 78, pp. 739–750. 8°.)

Reed's Naval seaman's assistant in acquiring the mechanical knowledge necessary to the able seaman in the British Navy. By Vulcan. With 94 illustrations. *Sunderland: T. Reed & Co., Ltd.* [pref. 1906] 2 p.l., viii, 9–146 p. 12°.

Réveille (J.) Sur un problème de cinématique. (Rev. maritime. *Paris*, 1898. v. 139, pp. 186–191. 8°.)

Rittmeyer (Rudolph). Seekriege und Seekriegswesen in ihrer weltgeschichtlichen Entwicklung. Mit besonderer Berücksichtigung der grossen Seekriege des xvii. und xviii. Jahrhunderts ... Mit zahlreichen Porträts ... *Berlin: E. S. Mittler & Sohn*, 1907. 4°.

Naval Art and Science, cont'd.

Rush (W. R.) The study of battle tactics of the squadron. (U. S. Naval Inst. Proc. v. 32, pp. 1097–1111. *Annapolis*, 1906.)

Ryder (*Sir* Alfred Phillips). A pamphlet on the experimental cruizes of the line of battle ships, in 1845. Containing the results of the trials, the method pursued to obtain them; and some suggestions on the best mode of registering the necessary observations. *London: the Author*, 1846. 20 p., 1 tab. 8°.

Saint-Ange (Quillet). La guerre maritime. (Rev. scientif. (Rev. Rose.) Ser. 4, v. 12, pp. 104–112. *Paris*, 1899.)

Schmid (Hugo). Einiges über Kriegsmarine und Marinetaktik. Mit 36 Figuren im Texte. *Wien: Hugo Schmid*, 1907. 48 p. 8°.

Schomberg (A. A.) Sea manual for young officers of the royal navy. *London*, 1789. 8°.

Seaforth (A. Nelson). The last great naval war. An historical retrospect. *London: Cassel & Co.* [1890?] 3 p.l., 120 p., 2 maps, 1 plan. illus. 12°.

Preface bears fictitious date 1930.

Scheve (W. v.) Zur artilleristischen Beurtheilung des Doppelstaffelsystems. (Mittheil. a. d. Gebiete d. Seewesens. v. 29, pp. 732–742. *Pola*, 1901.)

Sechi (Giovanni). Appunti di tattica navale. (Rivista marittima. anno 33, pp. 411–432. *Roma*, 1900.)

Ships of war in action. (Engineer. *London*, 1898. v. 86, pp. 269–270. f°.)

Sims (Wm. S.) The inherent tactical qualities of all-big-gun, one-caliber battleships of high speed, large displacement and gun-power. (U. S. Naval Inst. Proc. v. 32, pp. 1337–1366. *Annapolis*, 1906.)

—— —— (Roy. United Service Inst. Jour. v. 51, pp. 265–288. *London*, 1907.)

—— The tactical qualities of the "Dreadnought" type of battleship. (Engineering. v. 83, pp. 59–62. *London*, 1907.)

Smith (Roy C.) The army and navy maneuvers as viewed from afloat. (Proc. U. S. Naval Inst. v. 28, pp. 823–838. *Annapolis*, 1903.)

Sociats y Colls (Raffaello). La marina da guerra. Sulle riforme navali più convenienti per la riorganizzazione dell' armata navale spagnuola in relazione allo spirito marittimo moderno. Versione italiana di E. de Bartolomeis. *Firenze: G. Civelli*, 1888. 255 p., 1 l. 8°.

Somborn (Th.) La guerre de course. (Rev. maritime. v. 140, pp. 465–473. *Paris*, 1899.)

Spohr ( ). Taktik und Technik im Kriegswesen erläutert an Bildern aus dem See- und Landkriege. (Jahrb. f. d. deutsche Armee u. Marine. v. 3, pp. 20–37. *Berlin*, 1899.)

Stansbury (H.) Notes on naval strategy and tactics. *London: J. J. Keliher & Co.* [190–?] 44 p., 2 pl. 8°.

Stapelläufe (Die) der Kriegsmarinen im Jahre 1901. (Dinglers polytech. Jour. Jahrg. 83, v. 317, pp. 53–56. *Stuttgart*, 1902.)

Stenzel (Alfred). Seekriegsgeschichte in ihren wichtigsten Abschnitten mit Berücksichtigung der Seetaktik...Mit...Tafeln... Teil 1. *Hannover: Hahn*, 1907. 8°.

Stockton (Charles H.) Preparation for war. (Jour. U. S. Artillery. v. 12, pp. 99–118. *Fort Monroe*, 1899.)

Taktische Aufgaben aus der Navigation. (Mittheil. a. d. Gebiete d. Seewesens. v. 29, pp. 793–827. *Pola*, 1901.)

Tanca (G. B.) La distanza nel duello navale. (Rivista marittima. anno 37, pp. 5–19. *Città di Castello*, 1904.)

Tayler (Joseph Needham). Defence of the coast of Great Britain, and other most important matters: with extracts from Rear-Admiral J. M. Tayler's forthcoming work, on naval tactics and gunnery ...*London: Longmans*, 1848. 35 p. 8°.

Tompkins (Albert Edward). Engine room watch and station bill. *Devonport: Hiorns & Miller* [1904]. 1 p.l., ii, 1 l., 156 p. 2. ed. 12°.

Tonta (Luigi). Un problema di cinematica navale. (Rivista marittima. anno 34, pp. 391–400. *Romo*, 1901.)

Totten (Benjamin J.) Naval text-book. Letters to the midshipmen of the U. S. navy on masting, rigging, and managing vessels of war. *Boston*, 1841. 8°.

—— Naval text-book, and dictionary, for the use of midshipmen of the U. S. Navy. New ed., revised. *New York*, 1862. 12°.

United States.—*Navigation Bureau.* The bluejacket's manual. United States Navy. 1905. Revised and enlarged. Prepared by Lieutenant Ridley McLean... *Annapolis (Md.): Naval Institute* [1905]. 391 p., 1 tab. 24°.

—— —— Boat-book. United States Navy, 1905 ...*Baltimore: Lord Baltimore Press*, 1905. 170 p. 12°.

—— —— The landing-force and small-arm instructions. United States Navy, 1905...*Annapolis: Naval Institute*, 1905. 513 p. 12°.

—— —— Ship and gun-drills. United States Navy, 1905... *Annapolis: Naval Institute*, 1905. 476 p. illus. 16°.

—— *Navy Department.* Instructions in relation to the preparation of vessels of war for battle: to the duties of officers and others when at quarters: and to ordnance and ordnance stores [including form of exercise and manœuvre for the boat-howitzers of the U. S. Navy, by J. A. Dahlgren]. *Washington: C. Alexander, prtr.*, 1852. xii, 1 l., 180, xvii, 16 p., 15 pl. 8°.

—— —— Rules for the guidance of naval vessels at sea. March 10, 1880. *n. t.-p.* 28 p. 8°. (46. Cong. 2 sess. H. ex. doc. 55.)

Valderrama (Juan Cervera). Tactica de cruceros. (Revista gen. de marina. v. 43, pp. 759–771; v. 44, pp. 51–74, 217–229, 281–293. *Madrid*, 1898–99.)

Valois ( ). Seemacht, Seegeltung, Seeherrschaft. Kurze Betrachtungen über Seekriegführung. *Berlin: D. Reimer*, 1899. 53 p. 8°.

Vecchj (A. V.), *and* L. d' Adda. La marina contemporanea. Con 90 illustrazioni. *Torino: Fratelli Bocca*, 1899. vii, 430 p. 1 l. 8°. (Piccola biblioteca di scienze moderne. no. 16.)

Naval Art and Science, cont'd.

Vidal ([Jerome] Léon). Manuel pratique de cinématique navale et maritime, à l'usage de la marine de guerre et de la marine du commerce. *Paris: Gauthier-Villars*, 1905. xvii, 222 p. 8°. (France. Marine, Min. de la.)

Made up of various "Contributions" that appeared in *Revue Maritime* in Sept. 1884, Apr. and Dec. 1891, Oct. 1892. March and Dec. 1897, Oct. 1898, Feb. 1900, etc.

Vignot (H.) Aperçu de tactique navale. (Questions navales. Année 2, pp. 105–117, 145–155, 228–239, 262–281. *Paris*, 1905.)

—— Combats d'escadres. (La marine française. Année 12, pp. 181–194. *Paris*, 1899.)

—— Notions premières pour la recherche du meilleur ordre de combat. (Marine française. sér. 3, année 15, pp. 353–374. *Paris*, 1902.)

—— Simple essai de géographie militaire maritime. (Marine française. Année 12, pp. 297–328. *Paris*, 1899.)

—— Tactique de combat. (Marine française. sér. 3. année 12, pp. 561–570. *Paris*, 1899.)

Villehuet, Bourdé de. *See* **Bourdé** de Villehuet (Jacques).

Vincent (P.) Moyens d'action extérieure d'un battiment de guerre. (Rev. maritime. v. 142, pp. 280–296. *Paris*, 1899.)

Ward (James Harman). A manual of naval tactics. *New York*, 1859. 8°.

—— A manual of naval tactics: together with a brief critical analysis of the principal modern naval battles. With an appendix, being an extract from Sir Howard Douglas' "Naval warfare with steam." *New York: D. Van Nostrand*, 1870. 208 p., 1 l. 8°.

Werner (Bartholomäus von). Der Seekrieg der Geschwaderderdienst und die Bedeutung der Kriegswerften. *Darmstadt: A. Bergsträsser*, 1893. 4 p.l., 160 p. 8°.

Wilcox (R.) A new and complete system of naval and military tactics; formed by a combination of... modern discoveries in chemistry, pyrotecnics, metallurgy, and mechanics. *New York: D. Fanshaw*, 1824. 15 p. 9 pl. f°.

Wilmot (Sydney Marow Eardley-). The next naval war. With an illustration by... E. de Martino. *London: E. Stanford*, 1894. 75 p., 1 pl. 4. ed. 8°.

Wisser (John P.) The maneuvers between the navy and the coast artillery. (Proc. U. S. Naval Inst. v. 28, pp. 787–821. *Annapolis*, 1903.)

X. La guerre de course et la défense navale. (Rev. de Paris, 1900. v. 3, pp. 62–92; 351–382. *Paris*, 1900.)

Z., *Commandant*, and H. MONTÉCHANT. Essai de stratégie navale. *Paris: Berger Levrault et Cie.*, 1893. xviii, 527 p., 1 l. 8°.

—— —— Les guerres navales de demain; avec une préface de Contre-amiral Révilière. *Paris: Berger-Levrault & Cie.*, 1891. xxii, 282 p., 1 l., 4 maps. 12°.

Naval Artillery, Ordnance, Gunnery, etc.

Abbott (W. A.) Form of exercise for the pivot eleven-inch gun and boat howitzers; and abbreviated exercise of broadside gun, of the United States navy. *Boston*, 1862. 12 p. 12°.

Alger (Francis). A petition to the national government, embodying facts and statements in furtherance of the claim of the late Cyrus Alger for remuneration for the adoption and use, by the United-States Army and Navy, of certain inventions of his relating to fuzes and shells, as herein set forth; with corroborative official documents... *Washington: F. Taylor* [1862]. 69 p., 10 pl. 8°.

Alger (Philip R.) Armour and guns of fighting ships. (Cassier's Maga. v. 22, pp. 99–116. *New York*, 1902.)

—— Errors of gun-fire at sea. (Proc. U. S. Naval Inst. v. 26, pp. 575–592. *Annapolis*, 1900.)

—— High explosives in naval warfare. (Proc. U. S. Naval Inst. v. 26, pp. 245–278. *Annapolis*, 1900.)

—— Ordnance and armor. (Proc. U. S. Naval Inst. v. 27, pp. 529–550. *Annapolis*, 1901.)

—— Projectiles for modern naval ordnance. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 443–453.)

—— Some thoughts on our ordnance material. (Proc. U. S. Naval Inst. v. 28, pp. 485–498. *Annapolis*, 1902.)

Artillerie (L') Navale Allemande. 3 pl. (Rev. d'artillerie. v. 55, pp. 394–428. *Paris*, 1900.)

Babbitt (E. B.) Recent experiments in attacking armor with high explosive shell. (Scientif. Amer. Suppl. v. 52, pp. 21688–21689. *New York*, 1901.)

Belle Isle (The) experiment. (Engineer. v. 89, pp. 596–598. *London*, 1900.)

Bernotti (Romeo). Tiro fra navi. 1 pl. (Rivista marittima. anno 35, pp. 41–58; 247–262. *Roma*, 1902.)

Blish (J. B.) A proposed new method of scoring target practice in the navy. 2 diagrams. (Proc. U. S. Naval Inst. v. 26, pp. 349–358. *Annapolis*, 1900.)

Boom (W. B. K.) Het hedendaagsche standpunt der zee-artillerie. 1 pl. (Verslag. d. Marine-Vereeniging. Jaarg. 1904–05, pp. 20–59. *Helder*, 1905.)

Bravetta (E.) Artiglieria navale. (Rivista marittima. Anno 37, pp. 257–282. *Roma*, 1904.)

Browne (Orde). Armour and ordnance. 4 pl. (Naval Annual, edited by T. A. Brassey. *Portsmouth*, 1898. 8°. pp. 365–412.)

—— Precision of fire attainable in action. (Naval Annual, edited by T. A. Brassey. *Portsmouth*, 1898. 8°. pp. 189–200.)

Caborne (W. F.) Gunnery practice and the royal naval reserve. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 675–683.)

Canon americain de 13 pouces (0m 330) du "Kearsage." (Génie civil. v. 34, p. 353. *Paris*, 1899.)

Castner (J.) Die 15-em Schiffslaffeten und die Kruppsche Wiegenlaffete mit Stützzapfen für Schnellladekanonen. (Stahl u. Eisen. Jahrg. 19, pp. 1008–1015. *Düsseldorf*, 1899.)

Naval Artillery, etc., cont'd.

—— Der Schraubenverschluss mit plastischer Liderung und der Keilverschluss mit Hülsenliderung für Geschütze. (Schiffbau. Jahrg. 7, pp. 181–212. *Berlin*, 1905.

Charbonnier (P.) L'artillerie de la marine. (Jour. d. sci. militaires, sér 10, v. 21, pp. 221–242; 392–412; v. 22, pp. 50–72; 244–253. *Paris*, 1904.)

Chladek (Franz). Die Deformation von Geschossen und Panzerplatten unter dem Einflusse von Hauptschubspannungen und Transversalschwingungen. (Mitteil. a. d. Gebiete d. Seewesens. v. 34, pp. 267–285. *Pola*, 1906.)

Colomb (P. H.) Naval guns and armour. (Naut. Maga. *London*, 1898. 8°. v. 67, pp. 745–764.)

Compagnie des Hauts-forneaux, Forges & Aciéries de la Marine & des Chemins de Fer. Tourelles et cuirassements. *n. t. p.* [*St. Chamond*,] 1896. 24 pl. ob. 8°.

Congreve (*Sir* William). Description of sights, or instruments for pointing guns; for the navy. *London*, 1828. pl. 8°.

—— Elementary treatise on the mounting of naval ordnance; showing the true principles of construction, etc. *London: J. Egerton*, 1811. 2 p. l., vii–xiv, 52 pp., 5 plates. 4°.

Cooke (Augustus P.) Text-book of naval ordnance and gunnery. *New York*, 1875. il. 8°.

Cornibert ( ). Table de portées des canons et caronnades en usage dans la marine. *Paris: J. G. Dentu*, 1809. 2 p. l., ix, 244 pp., 3 pl. 8°.

Cramp (Charles H.) Mechanism of modern naval war. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 191–196.)

Croneau (A.) Canon, torpilles, et cuirasse, leur installation à bord les bâtiments de combat. *Paris* [1892]. 12°. (Encycl. scient. d. aide. mém. Sect. de l'ingen.)

Dahlgren (John Augustus Bernard). Boat armament of the U. S. Navy. . . *Philadelphia: King & Baird*, 1856. vi, 7–212 pp., 2 l., 13 pl. 2. ed. 8°.

—— Drill of pivot xi in. gun, as practised on board the U. S. Ship Plymouth. *n. p.* [1861.] 16 pp., 6 diagrs. 4°. (U. S. Navy Dept.)

—— System of boat armament in U. S. navy. *Philadelphia*, 1852. pl. 12°.

Davis (Cleland). Modern armor: its influence on the development of ordnance. (Proc. U. S. Naval Inst. v. 27, pp. 551–559. *Annapolis*, 1901.)

Dawson (A. Trevor). Naval ordnance. 34 pl. (Inst: of Mechanical Engineers. Proc. 1901. pp. 503–549. *London*, 1901.)

—— Naval ordnance. (Engineering. v. 72, pp. 145–150, 231–235. *London*, 1901.)

Delahet (Jules). L'artillerie de la marine anglaise. (Rev. maritime. v. 142, pp. 465–521. *Paris*, 1899.)

Descovich (E.) Ein Beitrag zur Bestückungsfrage von Schlachtschiffen und Panzerkreuzern. (Mitteil. a. d. Gebiete d. Seewesens. v. 34, pp. 344–364. *Pola*, 1906.)

Douglas (*Sir* Howard). A treatise on naval gunnery. . . *London: J. Murray*, 1829. 1 p. l., v–xxiv, 320 pp., 5 pl. 2 ed. 8°.

—— A treatise on naval gunnery. 3d edition. *London*, 1851. 8°.

Effets (Les) de l'artillerie navale contre les batteries de côtes. (Enseignements tirés de la guerre hispano-américaine.) (Rev. militaire. v. 56, pp. 221–243. *Paris*, 1900.)

Elswick naval mountings. (Engineer. v. 89, p. 59, 88, 112, 138, 191, 234, 245–247, 390. *London*, 1900.)

Ericsson (John). [Scrap-book of press clippings on naval construction, armament, etc., compiled by him. 1866–1868.] F°.

—— —— [1868–1879.] F°.

Exercises et manœuvres du canon à bord des vaisseaux du roi. . . Par un officier de marine [i. e., E. J. Willaumez]. *Paris: Bachelier*, 1815. 2 p. l., 82 pp. New ed. 8°.

Experiments to ascertain the strength and endurance of navy guns. [Substance of the report made by Commander D. G. Farragut.] *Washington: A. O. P. Nicholson*, 1854. 29 pp. 8°.

Farragut (David Glasgow). *See* **Experiments** to ascertain, etc.

Forfait (Pierre). Opinion sur le projet d'organisation de l'artillerie de la marine. . . [*Paris: Imprimerie Nationale*, 1792.] 16 pp. 8°.

Garbett (H.) Naval gunnery. A description and history of the fighting equipment of a man of war. *London: G. Bell & Sons*, 1897. xiv, 360 pp., 13 pl. 12°.

Genardini (A.) Le machine nella guerra navale. (Rivista marittima. anno 35, pp. 5–39. *Roma*, 1902.)

Germany.—*Marine Amt.* Bedienungsvorschrift für die Maschinenwaffen : a) das 8 mm Maschinengewehr ; b) die 3,7 cm Maschinenkanone. *Berlin : E. S. Mittler & Sohn*, 1901. 29 p., 2 l. pap. bds. 12°.

—— *Marine Amt.* Entwurf. Dienstvorschrift für die Artillerieschulschiffe. *Berlin : E. S. Mittler & Sohn*, 1898. 43 p. 8°.

Great Britain.—*Target Practice Seawards, Committee on.* Report of the Inter-departmental committee appointed to inquire into the system of target practice. . . together with minutes. . . and appendices. *London : Eyre & Spottiswoode*, 1893. 254 p. pap. f°. (C.—6931.)

Greenough (G. G.) Automatic apparatus for laying seacoast guns. *n.t.-p.* 1887–1890. 16 p., 6 pl. 12°.

Gun distribution aboard modern battleships, and its influence on naval tactics. Translated by H. F. Bryan from the Mitteilungen aus dem Gebiete des Seewesens. With comments by P. R. Alger, and B. A. Fiske. (U. S. Naval Inst. Proc. v. 33, pp. 205–238. *Annapolis*, 1907.)

Haeseler (D. von). Die historische Entwicklung der im Seekriege gebräuchlichen Waffen bis 1870. (Ztschr. f. hist. Waffenkunde. v. 3, pp. 1–7; 41–45; 73–75; 136–140. *Dresden*, 1903.)

Naval Artillery, etc., cont'd.

Handbook of the Hotchkiss 10-pounder (76m/m) naval landing gun. *London: Harrison & Sons*, 1894. 14 p., 2 pl. 8°.

Herzberg (Max). Efficacité du tir à la mer. (Rev. maritime. v. 144, pp. 312–321. *Paris*, 1900.)

Jeffers (William N.) A concise treatise on the theory and practice of naval gunnery. *New York: D. Appleton & Co.*, 1850. 8°.

Jerningham (Arthur William). Remarks on the means of directing the fire of ships' broadsides. With a proposed method of controlling and delivering a simultaneous converging fire... *London: Printed for the Author*, 1851. 1 p.l., 81 p., 1 map, 10 plans, 1 pl. 8°.

Jones (H. J.) Modern armour and armour-piercing projectiles. (Engineer. v. 103, pp. 361–362; 393; 414–415; 442–444. *London*, 1907.)

Kincaid (Thomas). Correspondence on floating batteries, cupola ships, gun carriages and a self-acting port closer, by T. Kincaid with the select committee on ordnance ... 1865. *Greenock: A. Mackenzie & Co.* [1865] 27 p. 8°.

Kodar (Eugen V.) Teleskopvisiere. (Mitteil. a. d. Gebiete des Seewesens. v. 31, pp. 713–734. *Pola*, 1903.)

McKechnie (James). The influence of machinery on the gun power of the modern warship. (Engineer. v. 103, pp. 294–296; 324–325. *London*, 1907.)

McVay (Charles B.) Notes on firing interval, with examples. 1 pl. (Proc. U. S. Naval Inst. v. 27, pp. 71–78. *Annapolis*, 1901.)

Manual of gunnery instructions for the navy of the United States. Compiled from the ordnance instructions for the U. S. navy, for the use of the United States' Naval Academy. *New York: D. Van Nostrand*, 1864. 182 p., 1 l., 8 pl. 32°.

Meigs (J. F.) Late developments in ordnance and armor. (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 201–213. *New York*, 1901.)

—— —— (Cassier's Maga. v. 24, pp. 471–485. *New York*, 1903.)

—— Range finding in the navy. (Proc. U. S. Naval Inst. v. 29, pp. 737–741. *Annapolis*, 1903.)

Montgéry. Observations relatives aux ouvrages de M. Paixhans, sur une nouvelle force maritime [signed Montgéry]. *Paris: Fain* [183–?]. 16 p. 8°.

—— *See also* **Paixhans** *below.*

Mountaine (William). The practical sea-gunner's companion; or, An introduction to the art of gunnery ... Being the substance of the Captains Povey and Binning, with large additions and improvements ... *London: J. Mount*, 1781. 1 p.l., iv, 1 l., 117, 7 p. sq. 12°.

Naval gunnery—international comparisons. (Engineer. v. 95, pp. 387. *London*, 1903.)

Naval handbook of the Hotchkiss rapid firing gun, 6-pounder, 3 pounder, and 1 pounder guard boat gun. *London: Harrison & Sons*, 1887. 37 p., 8 pl. 8°.

—— *Paris: Waterlow & Sons*, 1885. 37 p., 7 pl. 8°. pl. 6 missing.

Naval handbook of the 6 pounder 57m/m Hotchkiss rapid firing gun. *London: Harrison & Sons*, 1891. 30 p., 8 pl. 8°.

Naval handbook of the 3 pounder 47m/m Hotchkiss rapid firing gun. *London: Harrison & Sons*, 1891. 30 p., 8 pl. 8°.

Naval handbook of the 2½-pounder (light 47m/m) Hotchkiss rapid firing gun. *London: Harrison & Sons*, 1891. 30 p., 9 pl. 8°.

Navarro (Angel Gamboa). Elementos de Artilleria y Descripción del Material Reglamentario en la armada. *Ferrol: Imp. y Estereotipia de "El Correo Gallego,"* 1906. Text: 1 p.l., 269, iii p. 8°. Plates: cover, 22 pl. in 41. obl. 8°.

On the **new** wants arising from the introduction of the Paixhans gun in the royal navy. *London: J. Murray*, 1838. 16°.

Niblack (A. P.) The tactics of the gun. (Proc. U. S. Naval Inst. v. 28, pp. 925–936. *Annapolis*, 1903.)

Nicolas (L.) De la disposition de l'artillerie à bord des batiments cuirassés. (Rev. maritime. v. 156, pp. 257–267. *Paris*, 1903.)

Noble (*Sir* Andrew). The rise and progress of rifled naval artillery. (Transac. Inst. of Naval Architects. v. 41, pp. 235–253. *London*, 1899.)

Nouvelle (La) artillerie navale anglaise. [By] Command. L. (La nature. Année 27, sem. 2, pp. 173–174. *Paris*, 1899.)

Nulton (Louis M.) Graphic representation of the relation of pressures and shrinkages of built-up guns for the states of action and rest. 1 pl. (U. S. Naval Inst. Proc. v. 32, pp. 971–1000. *Annapolis*, 1906.)

Observations upon the defective equipment of ship guns; in a letter addressed to Vice Admiral Sir Harry Neale ... Commander in Chief of His Majesty's ships and vessels employed in the Mediterranean. *n. p.*, 1825. 14 p., 3 pl. 8°.

O'Neil (Charles). The development of modern ordnance and armor in the United States. [Discussion.] (Soc. of Naval Architects and Marine Engineers. Transac. v. 10, pp. 235–271. *New York*, 1902.)

Paixhans (Henry Joseph). An account of the experiments made in the French navy for the trial of bomb cannon, etc. ... Translated from the French, by J. A. Dahlgren. *Philadelphia: [E. G. Dorsey]* 1838. 92 p. 12°.

—— *See also* **Montgéry** *above.*

Palliser (*Sir* William). Remarks and experiments upon the cause of the explosion of the 38-ton gun on board her majesty's ship "Thunderer." *n. t.-p. London: W. Mitchell & Co.*, 1879. 23 p., 2 pl. 8°.

Pappalardo (V. F.) Sul modo di valutare le deviazioni longitudinali nel tiro a mare. 1 pl. (Rivista di artiglieria e genio. Annata 23, v. 3, pp. 81–90. *Roma*, 1906.)

Parker (Foxhall Alexander). The naval howitzer ashore. *New York*, 1865. pl. 8°.

Piorkowski (A. E.) Graphical comparison of the efficiency of naval guns. (Jour. U. S. Artillery. v. 15, pp. 53–65. *Fort Monroe*, 1901.)

Naval Artillery, etc., cont'd.

Poundstone (Homer C.) Proposed armament for type battleship of U. S. navy, with some suggestions relative to armor protection. (Proc. U. S. Naval Inst. v. 29, pp. 377–411. *Annapolis*, 1903.)

Prindle (Edwin J.) Boring a thirteen-inch naval gun. (Amer. Machinist. *New York*, 1899. 4°. v. 22, pp. 17–18.)

—— Mechanical operations in the manufacture of a great naval gun. (Engineering Maga. *New York*, 1898. 8°. v. 15, pp. 371–386.)

—— Rifling a big navy gun. (Amer. Machinist. *New York*, 1899. 4°. v. 22, pp. 130–131.)

Radford (Cyrus S.) Hand-book on naval gunnery...for the use of the U. S. Navy, U. S. Marine corps, and States Naval Reserves. Revised and enlarged with the assistance of Stokeley Morgan. *New York: D. Van Nostrand and Co.*, 1896. vi, 247 p., 17 pl., 2 tab. 2. ed. 24°.

Rapid-fire guns (The) of the "New Orleans." (Scientific. Amer. *New York*, 1898. f°. v. 78, pp. 328–329.)

Read (S.) Memoir on a new armament for the 42 and 46-gun frigates. *Chatham: W. Burrill*, 1831. 22 pp. 8°.

—— Observations, illustrative of a Memoir on a new armament for the 42 and 46 gun frigates; further demonstrating the...practicability of that armament, which would convert them from 18 pounder to 32 pounder frigates; also, on furnishing these...with a proportion of bomb cannon, in the shape of 68 pr. carronades. *Chatham: W. Burrill*, 1831. 28 p. 8°.

Réforme (La) des services de l'artillerie navale. (La marine française. ser. 3, année 19, pp. 133–150. *Paris*, 1906.)

Ronca (G.) Note sul tiro navale. (Rivista marittima. anno 33, pp. 433–472. *Roma*, 1900.)

Russische (Die) Schiffs-Artillerie. (Mitteil. a. d. Gebiete des Seewesens. v. 32, pp. 218–224. *Pola*, 1904.)

Rz (E. v.) Die Artillerieverteilung an Bord moderner Schlachtschiffe und ihr Einfluss auf die Seetaktik. (Mitteil. a. d. Gebiete d. Seewesens. v. 35, pp. 10–41. *Pola*, 1907.)

S. (E. D.) Correzione per gli effetti del rollio sui risultati del tiro a grandi distanze. (Riv. marittima. Anno 40, pp. 43–53. *Roma*, 1907.)

Sabath (B.) Über die Armierung der Schlactschiffe mit Berücksichtigung der Fortschritte im Marine-Artillerie-Wesen. (Mittheil. a. d. Gebiete d. Seewesens. v. 29, pp. 453–483. *Pola*, 1901.)

Saint-Salvy (de). Puissance de l'artillerie du "Bouvet": comparison avec le "Majestic." (Rev. maritime. v. 145, pp. 485–488. *Paris*, 1900.)

Samuda (J. D'A.) Armored ships and modern guns. (In: Naval Professional Papers, no. 15. pp. 15–28.)

Schooling (J. Holt). The armaments of seven navies. (Fortnightly Rev. v. 74, (n. s. v. 68) pp. 228–246. *London*, 1900.)

Simmons (T. F.) Ideas as to the effect of heavy ordnance directed against and applied by ships of war, particularly with reference to the use of hollow shot and loaded shells. *London: F. Pinkney*, 1837. 3 p.l., 136 p., 2 pl. 8°.

Simpson (Edward). Report on a naval mission to Europe, especially devoted to the material and construction of artillery. *Washington: Govt. Prtg. Office*, 1873. 2 v. clo. f°. (U. S. Ordnance Bureau.)

—— A treatise on ordnance and naval gunnery, compiled and arranged as a text book, for the U. S. Naval Academy. *Annapolis: R. F. Bonsall*, 1859. 4, 129 p., 13 pl. 8°.

—— —— 2d ed., revised and enlarged. *New York*, 1863. il. pl. diagr. 8°.

Sims (W. S.) Training ranges and long-range firing. (Proc. U. S. Naval Inst. v. 30, pp. 511–531. *Annapolis*, 1904.)

Statistical history of John Ridgway's vertical revolving battery, with drawings. *Boston: Prentiss & Deland*, 1865. 30 pp. 8°.

Staunton (P. M.) Capped armour-piercing projectiles. (Engineering. v. 71, pp. 336–339. *London*, 1901.)

Stevens (*Capt.* J. H.) Some description of the methods used in pointing guns at sea. *London: J. Murray*, 1834. vi, 45 p., 4 diag. 8°.

Stewart (D.) Notes on steam evolutions, and their bearing on naval gunnery. *Edinburgh: Murray & Gibb*, 1862. 30 p. 8°.

Stirling (Yates). Battle rehearsals. A few thoughts on our next step in fleet-gunnery. (U. S. Naval Inst. Proc. v. 33, pp. 49–72. *Annapolis*, 1907.)

Stokes (Anson Phelps). Globular naval battery, patented by A. P. Stokes...(In his: Cruising in the Caribbean with a camera...*New York*, 1903. 12°. 1–21 p., 6 pl.)

—— The semi-globular naval battery. [Discussion.] 24 pl. [Transac. Soc. of Naval Architects and Marine Engineers. v. 12, pp. 47–71. *New York*, 1904.)

Strong (J. J.) Graduating range dials for navy guns. [illus.] (Amer. Machinist. v. 29, pp. 425–427. *New York*, 1906.)

Stroud (W.) A naval range-finder. (Physical Soc. of London. Proc. *London*, 1898. 8°. v. 16, pp. 1–9.)

Treptow (W.) Der Wettstreit zwischen Geschütz und Panzer. (Dinglers polytechnisches Jour. v. 321, pp. 246–249; 276–279; 292–294; 309–312; 325–328; 375–378. *Berlin*, 1906.)

Turpin (W. S.) Fire control. (Proc. U. S. Naval Inst. v. 30, pp. 593–610. *Annapolis*, 1904.)

United States.—*Navigation Bureau.* Exercises of great guns in broadside, and notes upon the manual exercise, from the ordnance instructions of the United States Navy, for the use of the United States Naval Academy. *Washington: Govt. Prtg. Office*, 1867. 45–96 p. 8°.

—— —— Manual of instruction in ordnance and gunnery for the U. S. naval training service. *Washington: Govt. Prtg. Office*, 1900. 90 p. 12°.

—— —— Papers and discussions on ships, guns, and armor. *Washington*, 1883. 119 p. 9 pl. 8°. (Naval Professional Papers, no. 15.)

Naval Artillery, etc., cont'd.

—— *Ordnance Bureau.* Mortar practice. [*Washington*, 1861.] 30 p. 24°.

—— —— Ordnance instructions in relation to the preparation of vessels of war for battle, to the duties of officers and others when at quarters; and to ordnance and ordnance stores. *Washington: C. Alexander, printer*, 1852. 1 p. l., xiii, 180, xvii p., 13 diagr. 8°. (Navy Dept.)
Imperfect copy.

—— —— Same, 1866. 4. ed. *Washington*, 1866. 131, 27, 89, li, 2 l., 20 p., 13 diagr.

—— —— Same. 3. ed. *Washington*, 1864. 2 p.l., xii, 109, 29, 74, cviii p., 30 diag. 3 pl., 3 plans.

—— —— Ordnance instructions for the United States Navy. *Washington: Govt. Prtg. Off.*, 1880. 5. ed. 8°. (Navy Dept.)

—— —— [Report of Board convened for the purpose of enquiring whether any changes should be made in armament of vessels of war. *Washington*, 1845.] 55 p., 1 l., pap. 8°.

—— —— Report of the select committee on ordnance and war ships; with an appendix. *Washington: Govt. Prtg. Off.*, 1886. xxx, 512 p., 11 pl. 8°.

—— —— Same. (49th Cong., 1st Sess. Sen. Rpt. 90. in v. 1.)

Vickers' automatic 14-pounder gun. (Engineering. v. 69, pp. 180–181. *London*, 1900.)

Vickers' guns. 1 pl., 1 table. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 670–676.)

Vignot ( ). La réforme de notre artillerie de marine. (Marine française. année 12, pp. 628–634. *Paris*, 1899.)

—— Torpille et canon. Marine française. *Paris*, 1898. 8°. Année 11, pp. 537–546.)

Ward (James Harmon). Elementary instructions in naval ordnance and gunnery. *New York: D. Van Nostrand*, 1861. vi, 209 p. 8°.

—— —— New ed., revised and enlarged. *New York*, 1862. diagr. 8°.

Wheatley (J.) A new naval armament. Maximum force in minimum space. *London: T. Hatchard*, 1856. 15 p. 8°.

White (W. H.) The latest reconstruction of the navy. (The Nineteenth Century. *London*, 1898. 8°. v. 43, pp. 534–548.)

Willaumez (E. J.) *See* **Exercices** et maneuvres du canon.

Zeni (M.), *and* Deshays. Sur le matériel de l'artillerie navale de la Grande Bretagne. Atlas in fol. *Paris*, 1849. 4°.

Naval Auxiliary.

Allingham (William). A national merchant navy. (Nautical Maga. v. 72, pp. 598–604; 661–670. *London*, 1903.)

Anderson (A.) National defence. Our best and cheapest militia an auxiliary steam navy. Speech ...in the House of Commons...30th March, 1852, on moving a resolution, "That in order the better to provide for...public safety...it is desirable that measures ...be adopted...to render the commercial steam navy promptly available..." *London: J. Unwin*, 1852. 19 p. 8°.

Biles (John Harvard). Merchant steamers and war requirements. On the practicability of so constructing merchant steamers as to render them readily available for war purposes. (Proc. U. S. Naval Inst. v. 25, pp. 682–684. *Annapolis*, 1899.)

—— —— (Engineering. v. 67, pp. 757. *London*, 1899.)

Brassey (T. A.) Mercantile auxiliaries. (Marine Engineering. v. 6, pp. 369–372. *New York*, 1901.)

Concours de la marine merchande anglaise aux opérations de la guerre du Transvaal. (Rev. maritime. v. 143, pp. 705–714. *Paris*, 1899.)

Fletcher (W. J.) The irregulars of the navy. (Macmillan's Maga. v. 89, pp. 465–480. *London*, 1903.)

Guihéneuc (Olivier). L'avenir de la marine auxiliaire. (Marine française. ser. 2, v. 13, pp. 140–149; 185–199; 260–266; 366–374; 608–622. *Paris*, 1900.)

Hamilton (James). On mercantile cruisers fitted with housing propellers. [Discussion.] 2 pl. (Transac. Inst. Naval Architects. v. 45, pp. 230–241. *London*, 1903.)

Hurd (Archibald S.) Auxiliaries of a war fleet with special reference to recent additions to the British navy. (Cassier's Maga. v. 26, pp. 515–523. *New York*, 1904.)

Robinson (Charles N.) Naval reinforcements in war time. (Naval Annual, edited by T. A. Brassey. Portsmouth, 1898. 8°. pp. 201–215.)

Stephens (W. P.) The steam yacht as a naval auxiliary. (Scientific Amer. Suppl. *New York*, 1898. f°. v. 46, pp. 19200–19201.)

Naval Discipline.

Biden (Christopher). Naval discipline. Subordination contrasted with insubordination; or, a view of the necessity for passing a law establishing an efficient naval discipline on board ships in the merchant-service: comprising a valuable record of occurrences on board various ships. *London: J. M. Richardson*, 1830. viii, 392 p. 8°.

Bierer (B. B.) A proposed system of punishment for certain offences against navy regulations. (Proc. U. S. Naval Inst. v. 30, pp. 201–202. *Annapolis*, 1904.)

Delpeuch (Maurice). Les curiosités de la discipline dans la marine d'autrefois d'après quelques documents inédits. (Rev. maritime. v. 154, pp. 1168–1193. *Paris*, 1902.)

Essay (An) on flogging in the navy; containing strictures upon existing naval laws, and suggesting substitutes for the discipline of the lash. *New York: Pudney & Russell*, 1849. 2 p.l., 56 p. 8°.
Repr.: Democratic Rev., Ag., Sept., Oct. [1849?]

Ormsby (George F.) Imprisonment in the navy. (Amer. Law Rev. v. 37, pp. 696–702. *St. Louis*, 1903.)

Sketch of the punishments to which common seamen and marines are liable in the royal navy. By a surgeon's-mate of 1803. *n. p.* [18—?] 16 p. 8°.

Stephens (J. E. R.) Naval discipline, past and present. (Nautical Maga. v. 70, pp. 552–561. *London*, 1901.)

Naval Hygiene.

Beyer (Henry G.) Some hygienic precautions to be observed in training. (Proc. U. S. Naval Inst. v. 30, pp. 577–588. *Annapolis*, 1904.)

Borel ( ). L'enseignement de la pathologie exotique et de l'hygiène navale en allemagne. (Rev. d'hygiène. v. 22, pp. 1059–1063. *Paris*, 1900.)

Calkins (C. G.) Sea-stores and refreshments. Experiments and accidents in naval diet. (U. S. Naval Inst. Proc. v. 33, pp. 73–117. *Annapolis*, 1907.)

Cochrane (J.) The seaman's guide, shewing how to live comfortably at sea, containing among other particulars, complete directions for baking bread...*London: J. Murray & S. Highley*, 1797. vii, 48 p. 8°.

Cook (James). The method taken for preserving the health of the crew of His Majesty's ship the *Resolution* during her late voyage around the world. (Royal Society of London. Phil. Trans. v. 14, pp. 58–60. *London*, 1776. 4°.)

Decker (Corben J.) The effects of climatic extremes on the health of battleship personnel. (Assoc. of Military Surgeons. Jour. v. 19, pp. 341–351. *Carlisle, Pa.*, 1906.)

Dispositions générales au point de vue de l'hygiène des navires de la flotte. (Bull. officiel de la marine. 1902, pp. 931–979. *Paris*, 1902.)

Durand (Charles). Étude chimique du chanvre, du lin et de la fabrication des toiles en usage dans la marine. (Rev. maritime. v. 142, pp. 522–545. *Paris*, 1899.)

Exposition (An) of the case of the assistant-surgeons of the royal navy. By a naval medical officer. *London: J. Churchill*, 1849. 28 p. 2. ed. 8°.

—— —— *London : J. Churchill*, 1850. iv, 5–39 p. 3. ed. 8°.

France. Ordonnance du Roy, concernant la Patente de Santé que doivent prendre les Capitaines ...des Bastimens qui commercent dans les Eschelles de Levant & de Barbarie. Du 6. Septembre, 1730. [Colophon:] *Paris: Imp. Royale*, 1730. 4 p. 8°.

—— Ordonnance du Roy Portant règlement au sujet des Patentes des santé que les Capitaines...& autres mariners que naviguent ... de Provence, Languedoc & Rossillon, doivent prendre...Du 28 Janvier 1748. [Colophon:] *A Paris: de l'Imprimerie Royale*, 1748. 4 p. 8°.

Freemantle (Francis E.) A visit to Sasebo—the naval hospital of Japan. (Nat. Rev. v. 44, pp. 644–672. *London*, 1904.)

Ganier (A.) Deux asiles maritimes. (Monde moderne. v. 13, pp. 524–528. *Paris*, 1901.)

Gayet ( ). Étude sur le service médical à bord en vue du combat. (Rev. maritime. v. 140, pp. 274–314; 508–547. *Paris*, 1899.)

Le Mehauté ( ). Le navire salubre. Role de l'officier de marine dans la pratique de l'hygiène à bord. Conférences d'hygiène navale. (Duguay-Trouin, 1905–1906.) (Rev. maritime. v. 172, pp. 359–456. *Paris*, 1907.)

Lind (James). An essay on the most effectual means of preserving the health of seamen in the royal navy. And a dissertation on fevers and infection. . . *London: D. Wilson & G. Nicol*, 1774. xx, 363 (1) p. 8°.

Lowenthal ( ). L'état sanitaire des marines française et anglaise en 1900. (Rev. scientif. sér. 5, v. 1, pp. 321–329; 360–367. *Paris*, 1904.)

Mexico.—*Gobernacion, Secretaria de.* Reglamento de sanidad maritima de la república Mexicana. *Mexico: Imp. del Gobierno Federal*, 1894. 32 pp. 1 l. 8°.

Rochard (J.), *and* D. Bodet. Traité d'hygiène de médecine et de chirurgie navales. *Paris: L. Battaille & Cie.*, 1896. iv, 697 p. illus. 8°.

Service médical du temps de guerre à bord des bâtiments de la flotte. (Bull. officiel de la marine. 1902, pp. 979–1000. *Paris*, 1902.)

Il **Servizio** sanitario nella guerra marittima. (Rivista marittima. anno 40, fasc. 7/8, pp. 119–133. *Roma*, 1907.)

Thierry (Henry). Étude comparative de l'hygiène dans la marine de guerre et dans la marine du commerce. Progrès realisés à bord du Cuirassé "Suffren." (Rev. d'hygiène. v. 25, pp. 398–426. *Paris*, 1903.)

United States.—*Public Health and Marine Hospital Service.* Plan of a 1st class U. S. marine hospital designed for the western waters: to accommodate 140 patients. . . n. p., *C. B. Graham, prtr.*, n. d. 1 p.l., 3 folded plans. 8°. (Treasury Dept.)

Naval Militia.

See Naval Reserves.

Naval Pay.

Germany.

Germany. — *Marine Amt.* Besoldungsvorschrift, 1902. *Berlin*, 1902. 8°.

Great Britain.

C. (P.) The three establishments concerning the pay of the sea-officers. To which is prefix'd An introduction for the better understanding by what occasions they came to be produc'd. [Preface signed P. C.] *London*, 1705. xxviii, 50 pp., 1 l., 1 table. 16°.

Appeal (An) to his Majesty, both houses of Parliament, and the people of the United Kingdom, against a late rejection of the petition of the captains of the royal navy, for an augmentation of pay, by Lord Mulgrave...by a friend to the navy. *London: J. Blacklock*, 1810. 1 p. l., 49 p. 2. ed. 8°.

United States.

Chamber of Commerce of the State of New York. Report of the special committee to which was referred the memorial of officers of the U. S. navy to congress for an increase of pay. *New York*, 1866. 7 p. 8°.

United States.—*Navy Department.* Pay of officers of the navy. Letter from the Secretary... to acc. bill (S. 1360) to amend..."An act to reorganize and increase the efficiency of the personnel of the Navy." *n. p.*, 1899. 2 p. 8°. (U. S. 56. Cong., 1 sess. S. doc. 33.)

—— —— Total cost of personnel of officers of the Navy under House bill 10403 as amended by Senate Committee on Naval Affairs...Feb. 13, 1899. 2 p. 8°. (55. Cong., 3. sess., Sen. doc. 115.)

Naval Pay, cont'd.

—— *Statutes.* A bill relating to the pay and retirement of mates in the United States navy. Introduced in the House by Mr. Young, Dec. 14, 1897. *n. p.* [1897] 2 p. 4°. (55 Cong., 2. sess. H. res. 4933.)

—— —— A bill allowing the pay of rear-admirals to commodores while acting as rear-admirals. Introduced in the Senate by Mr. Smith, January 13, 1898. *n. p.* [1898] 1 l. 4°. (55. Cong. S. 3152.)

—— —— A bill fixing the compensation of officers in the Navy when traveling under orders in the United States. Introduced in the House by Mr. Burton, Jan. 21, 1898. *n. p.* [1898] 1 l. 4°. (55. Cong., 2. sess. H. R. 7084.)

—— —— A bill to reimburse naval volunteers, Introduced in the House by Mr. Butler, Jan. 16. 1899. *n. p.* [1899] 3 p. 4°. (55. Cong., 3. sess. H. R. 11617.)

—— —— A bill granting extra pay to officers and enlisted men of the temporary force of the navy. Introduced in the Senate by Mr. Hale, January 26, 1899. *n. p.* [1899] 1 l. 4°. (55. Cong., 3. sess. S. 5363.)

—— Same. An act. In the House. February 1, 1899.

—— Same. An act. In the House. February 27, 1899. [To accompany] rept. 2302. 1 l. 4°.

—— —— A bill to reimburse naval volunteers enlisted for one year or during the war with Spain for the cost of clothing and equipment. Introduced in the Senate by Mr. Penrose, January 27, 1899. *n. p.* [1899] 2 p. 1 l. 4°. (55. Cong., 3. sess. S. 5371.)

—— —— Resolution [directing the Secretary of the Navy to transmit to the Senate an estimate of the cost of the personnel of officers of the Navy], submitted in the Senate by Mr. Jones, Feb. 10, 1899. 1 l. 4° (55. Cong., 3. sess., Sen. res. 503.)

—— —— A bill to increase the grade and pay of officers of the Navy on the retired list prior to March 3, 1899. Introduced in the House by Mr. Ray, March 13, 1900. *n. p.*, 1900. 1 l. 4°. (U. S. 56 Cong., 1. sess. H. R. 9508.)

—— —— A bill to reimburse naval volunteers enlisted for one year or during the war with Spain for the cost of clothing and equipment. Introduced in the Senate by Mr. Penrose, April 4, 1900. *n. p.*, 1900. 2 pp., 1 l. 4°. (56. Cong., 1. sess. S. 4005.)

—— *Supplies and Accounts Bureau.* Report of the Paymaster General of the Navy to the Secretary of the Navy. (In: Annual Report of the Secretary of the Navy. *passim.*)

Vanderpoel (Aaron). Speech . . . in the House of Representatives, Dec. 22, 1834. On the bill to increase the compensation of the officers of the navy. *n. p.* [1834] 4 pp. 8°.

Naval punishment.

See Naval discipline.

Naval reserves.

Bowles (W.), *Rear Admiral.* Thoughts on national defence [including Duke of Wellington's letter to Gen. Burgoyne; Letter to Lord Haddington, 1844; Suggestions for a reserve force, 1844]. *London: J. Ridgway*, 1852. xiv, 1 l., 80 pp. 2. ed. 8°.

Brassey (Thomas Allnutt). The manning of the navy in time of war. (Naval Annual, edited by T. A. Brassey. *Portsmouth, Eng.*, 1898. 8°. pp. 102–117.)

—— The Royal Naval Reserve, the mercantile marine, and the colonies. *London: E. Stanford*, 1898. 32 pp. 8°.

Caborne (W. F.) The royal naval reserve. [Discussion.] (Jour. Roy. United Service Institution. v. 47, pp. 1217–1247. *London*, 1903.)

Clowes (W. Laird). The condition of the naval reserve. (Nineteenth Century & After. v. 51, pp. 550–561. *London*, 1902.)

Fremantle (*Sir* E. R.) A reserve for the navy from the navy. [With discussion.] (Jour. Roy. United Service Inst. v. 46, pp. 981–1004. *London*, 1902.)

Fyers (H.T.) Notes on the defensive resources of Great Britain; with suggestions for the formation of a militia artillery...[Also Acct. of naval and reserve forces, and Mem. by Col. Le Couteur with reference to Royal Military Artillery of Jersey.] *London: Parker, Furnivall & Parker*, 1852. 48 p. 8°.

McGrath (P. T.) Colonial naval reserves. (Canadian Maga. v. 20, pp. 531–536. *Toronto*, 1903.)

Naval reserves, training, and matériel. June, 1888. *Washington: Govt. Prtg. Off.*, 1888. 1 p.l., 433 p., 18 diagr., 1 map, 2 plans, 3 pl. 8°. (U. S. Nav. Intell. Off., Gen. Inf. ser. 7.)

New York Board of Trade and Transportation. State naval militia. Report and bill approved by the New York Board of Trade and Transportation, December 12, 1888. With "Memorandum of proposed plans for naval reserves," by...W. C. Whitney... *New York: G. F. Nesbitt & Co., pr.*, 1888. 12 p. 8°.

—— —— 16 p. 2. ed. 8°.

Smoking (The) lamp. Official organ of the naval militia. v. 1, no. 1–5 (May–Nov., 1901). *New York*, 1901. 4°.

Ceased publication.

United States.—*Navy Department.* Annual report of the operations of the naval militia, 1895–date. (In Annual Report of the Secretary of the Navy. *passim.*)

—— *Statutes.* A bill to provide for organizing a naval battalion in the District of Columbia. In the Senate, December 18, 1897. [To accompany] report 414. *n. p.*, 1897. 2 p., 1 l. 4°. (55. Cong., S. 1316.)

—— —— A bill to provide for the organization of volunteer reserves to the land and naval forces of the United States...Introduced in the House by Mr. Wheeler, Apr. 12, 1898. *n. p.* [1898] 4 p. 4°. (55. Cong. H. R. 9817.)

—— Same. Apr. 16, 1898. (H. R. 9914.)

—— —— A bill to provide for the enrollment and organization of a United States naval reserve. Introduced in the Senate by Mr. Hale, December 12, 1898. *n. p.* [1898.] 8 p. 4°. (55. Cong. 3. sess. S. 4972.)

Naval Reserves, cont'd.

—— —— Bill to provide for the enrollment and organization of a U. S. Naval Reserve, introduced in the House, by Mr. Bull, Jan. 11, 1899. 7 p. 4°. (55. Cong. 3. sess. H. R. 11535.)

Value (The) and efficiency of our naval reserve. [Signed] A merchant seaman. (Nautical Maga. v. 70, pp. 108–113. *London*, 1901.)

Williams (W. J.) Remarks on the establishment of a system for manning the navy. Addressed to the... Earl of Haddington... 1st Lord of the Admiralty. *Devonport: W. Colman* [1844]. 16 p. 12°.

Naval Salaries.

See Naval Pay.

Naval torpedoes.

Armstrong (G. E.) Torpedoes and torpedo-vessels. *London: G. Bell & Sons*, 1906. xvi, 237 p., 4 pl. diag., plans, ill. 12°. (Royal Navy Handbooks 3.)

Arthaud (D'). Torpilles et cuirasses. (Marine française. sér. 3, Année 17, pp. 118–124. *Paris*, 1904.)

B. (L.) Torpilles terrestres automatiques. (Rev. du génie militaire. v. 30, pp. 37–62. *Paris*, 1905.)

Bara (E.), *and* H. NOALHAT. Les torpilles automobiles. *Paris: Y. Fritsch*, 1898. 2 p.l., xv, 189 p., 11 pl. 8°.

Barnes (John S.) Submarine warfare, offensive and defensive; including a discussion of the offensive torpedo system, its effects upon iron-clad ship systems, and influence upon future naval wars. *New York*, 1869. pl. ill. 8°.

Börresen ( ). The torpedo-virator. (Jour. Roy. United Service Inst. v. 47, pp. 67–74. *London*, 1903.)

Brillié (H.) Torpilles et torpilleurs. *Paris: G. Carré & C. Naud*, 1898. 2 p.l., 204 p., 11 pl. 8°.

Burr (S. D. V.) The new Bliss-Leavitt torpedo. (Iron Age. v. 76, no. 24, pp. 1594–1597. *New York*, 1905.)

Campion ( ). Les torpilles et leurs progrès depuis 1894. (Marine française. année 17 (ser. 3), pp. 392–395; année 18 (ser. 3), pp. 51–57. *Paris*, 1904–05.)

Chandler (Lloyd H.) The automobile torpedo of to-day, the tactics and strategy of its use, and the effect of its introduction afloat upon sea warfare in general. (Proc. U. S. Naval Inst. v. 26, pp. 417–440. *Annapolis*, 1900.)

—— Automobile torpedoes; their use and probable effectiveness. (Proc. U. S. Naval Inst. v. 29, pp. 883–905. *Annapolis*, 1904.)

—— The bursting of metal chambers under internal air pressure. 7 pl. (Jour. Amer. Soc. of Naval Engineers. v. 18, pp. 112–122. *Washington, D. C.*, 1906.)

Results of experiments to determine the best kind of metal for torpedo flasks.

Dahl (G. M.) "Blank" torpedo shooting. (Proc. U. S. Naval Inst. v. 30, pp. 389–403. *Annapolis*, 1904.)

Dibos (M.) De la recherche et du dragage des torpilles vigilantes. (Mém. et compte rendu d. trav. de la Soc. d. ingénieurs civils de France. ser. 6, année 57 (1904, v. 2), pp. 501–514. *Paris*, 1904.)

G. (H. B.) Recent torpedo developments. (Nautical Maga. v. 73, pp. 152–158. *London*, 1904.)

Gathmann (Emil). Torpedo safety devices. (Proc. U. S. Naval Inst. v. 26, pp. 629–635. *Annapolis*, 1900.)

A **general** description of the Whitehead torpedo. (Scientif. Amer. Sup. *New York*, 1898. f°. v. 46, pp. 18911–18914.)

Guierre (A.) L'avenir de la torpille, et la guerre future. Avec une préface de [E.] Duboc... *Paris: Berger-Levrault & Cie.*, 1898. xv, 279 p. 12°.

Harvey (Frederick). Instructions for the management of Harvey's sea torpedo. *London*, 1872. ill. pl. 8°.

Hennebert (Eugène). Les torpilles. *Paris: Hachette et Cie.*, 1888. 2 p.l., 324 p. 2. ed. 12°. (Bibliothèque des merveilles.)

—— Torpilles sèches. *Paris* [1894]. 12°. (Ency. Scient. des aide-mém.)

Howell (The) torpedo Co. versus E. W. Bliss Co. The Whitehead torpedo suit. Decision of Judge Thomas, that the Whitehead torpedo does not infringe the Howell patent. *New York*, 1901. xxi p. 8°.

Jachmann ( ). Ueber die russischen Torpedoangriffe im letzten türkischen kriege. (Jahrb. f. d. deutsche Armee u. Marine. v. 114, pp. 208–224. *Berlin*, 1900.)

Jane (Fred. T.) The apotheosis of the torpedo. A brief for the new school. (Fortnightly Rev. v. 76 n. s., v. 70, pp. 261–278. *London*, 1901.)

Jaques (William Henry). Torpedoes for national defence; a practical and concise review of these weapons... together with the results obtained at official trials, and a description and comparison of the Sims, Whitehead, and Howell... *New York: G. P. Putnam's Sons*, 1886. 49 p., 1 pl. 12°. (Questions of the day. No. 34.)

Kallenbach (Oscar G. H.) Das Torpedowesen der deutschen Marine, mit Berücksichtigung der Erfolge der Torpedowaffe im russisch-japanischen Kriege. (The Technologist. v. 10, pp. 57–66. *New York*, 1905.)

La Rouveraye (P. de.) La navigation sous-marine et les torpilleurs submersibles. (Marine française. année 14, pp. 122–127. *Paris*, 1901.)

Lavenir. Étude sur les torpilleurs. (Rev. Maritime. *Paris*, 1898. 8°. v. 137, pp. 350–363.)

Leavitt (Frank M.) Power consumed in propelling the Whitehead torpedo at various speeds. (Transac. Soc. Naval Architects and Marine Engineers. v. 9, pp. 25–37. *New York*, 1901.)

Martinville (Scott de). Avant-projet d'un appareil de débarquement de torpilleurs embarqués sur le transport Mytho. 3 pl. (Mém. du génie maritime. sèr. 3, no. 2, pp. 151–176. *Paris*, 1901.)

Maxim (Hudson). Torpedoes and torpedo warfare. (Amer. Monthly Rev. of Rev. v. 29, pp. 558–564. *New York*, 1904.)

Naval Torpedoes, cont'd.

Noalhat (H.) Art militaire: attaque et défense des côtes au moyen des torpilles. (Bull. technique. année 1, v. 1, pp. 111–131. *Paris*, 1899.)

—— Le nouvel appareil directeur pour torpilles automobiles. (Rev. tech. v. 21, pp. 364–367. *Paris*, 1900.)

—— Les torpilles et les mines sous-marines. Préface de P. Fontin... *Paris: Berger-Levrault*, 1905. lix, 432 pp. ill. 8°.

—— *See also* **Bara** (E.) & H. Hoalhat.

Our vincible navy. By Naval architect. (Westminster Rev. *London*, 1898. 8°. v. 150, pp. 417–419.)

Pascal (Félicien). Napoléon 1er contre les torpilleurs. (Rev. polit. & littér. sér. 5, v. 1, pp. 274–278. *Paris*, 1904.)

Portugal.—*Escola de Torpedos.* 3. classe. Instrucção elementar de material de torpedos fixos. *Lisboa: Imp. Nac.*, 1895. 26 pp., 1 l., 16 pl. 8°.

—— —— 4. classe, Instrucções para dos torpedos Whitehead. . . *Lisboa: Imp. Nac.*, 1897. pt. 1. 8°.

—— —— pt. 1. Estampos.

—— —— 5. classe. Instrucção elementar de explosivos. *Lisboa: Imp. Nac.*, 1895. 58 pp., 16 pl. 8°.

—— —— 6. classe. Emprego de torpedos no mar. *Lisboa: Imp. Nac.*, 1895. 1 p. l., 73 pp., 16 diagr. 8°.

—— —— Programma de curso de Escola Torpedos. *Lisboa: Impr. Nac.*, 1894. 14 pp. 8°. (*Almirantado, Secretaria do Conselho do.*)

—— —— Reorganisação da escola e serviço de torpedos de 30 de Junho de 1898, e regulamento organico do corps marinheiros da armada... *Lisboa: Imp .Nac.*, 1898. 59 pp. 8°.

Projet de torpilleur americain. Présenté à la Société américaine des constructions navales et des mécaniciens de la marine. (Rev. Maritime. *Paris*, 1898. 8°. v. 137, pp. 346-349.)

Proyectil-torpedo maxim. (Rev. general de marina. *Madrid*, 1898. 8°. v. 42, pp. 894–900.)

Riera y Alemañy (José). Torpedos mecanicos. (Rev. general de marina. *Madrid*, 1898. 8°. v. 42, pp. 3–13; 168–179; 320–332.)

Robin ( ). Del gobierno de los torpederos con mar cruesa. (Revista general de marina. v. 44, pp. 145–160. *Madrid*, 1899.)

Roden (Ernest K.) Torpedoes. (Mechanic Arts Maga. v. 4, pp. 167–171. *Scranton*, 1899.)

Sarrepont (H. de). Les torpilles. *Paris: J. Dumaine*, 1874. xii, 320 p. illus. 8°. (Extrait du Journal des Sciences militaires.)

Sears (W. J.) The Whitehead torpedo. (Engineering. *London*, 1898. f°. 66, pp. 89–91.)

Sleeman (C. W.) Torpedes and torpedo warfare. *Portsmouth*, 1889. 2. ed. 8°.

Smith (R. C.) Torpedo attacks. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 237–240.)

Submarine warfare; fixed mines and torpedoes. The Lay moveable torpedo: its superiority over all other implements of submarine warfare. [*Buffalo*, 1867?] 14 p., 4 pl. 4°.

Tanif (Henri). Torpilles, torpilleurs et sous-marins. (Questions Diplomat. & col. v. 17, pp. 577–588. *Paris*, 1904.)

Torpedo discharge tubes. (Engineer. *London*, 1898. f°. v. 85, pp. 496–498.)

Torpedo steering by ether waves. (Electr. Rev. v. 34, pp. 370–371. *New York*, 1899.)

Torpille (La), sa vitesse, son rayon d'action et son efficacité destructive. Traduit de la Rivista marittima par M. A. Bunel. (Rev. maritime. *Paris*, 1899. 8°. v. 140, pp. 163–170.)

United States.—*Fortification, Bd. on.* Report of the committee... upon torpedoes, stationary and movable, and torpedo boats, committee no. 2. *Washington: Govt. Print. Off.*, 1885. 1 p.l., 5 pp. f°.

—— —— Submarine boats. Append. to Report, etc. *Washington*, 1885. 27 p. 4°. (Comm. no. 2. [War. Dept.])

Vandevelde ( ). Torpilles et défenses sous-marines. Rapport sur les appareils et expériences relatifs aux torpilles fabriquées à l'arsenal d'Amsterdam. Traduit par E. Garnault. *Paris: A. Bertrand* [1873?]. 1 p.l., 168 p. 8°.

Vézy (Jean). Les fougasses et les torpilles terrestres à Port Arthur. (La Nature. année 33, sem. 1, pp. 36–38. *Paris*, 1904.)

Torpedo (The) accident on board the French battleship Jaureguiberry. (Engineer. v. 93, p. 156. *London*, 1902.)

Whitehead (The) torpedo works at Fiume. (Engineering. v. 72, pp. 395, and 398–401. *London*, 1901.)

Zalinski (E. S.) Torpedo guns afloat and ashore. (Cassier's Maga. *New York*, 1898. 8°. v. 14, pp. 394–405.)

Naval Uniforms.

Germany.

Germany.—*Marine Amt.* Bekleidungsbestimmungen für die Seeoffiziere, Marine- und Torpedo-Ingenieure, Feuerwerks-, Zeug- und Torpederoffiziere, Sanitätsoffiziere, Zahlmeister, Deckoffiziere. Fähnriche zur See und Seekadetten der kaiserlichen Marine. *Berlin: E. S. Mittler & Sohn*, 1900. vii, 42 pp., 2 l., 1 tab. pap. bds. 8°.

Sigel (Gustav A.) Deutschlands Heer und Flotte, in Wort und Bild. Nach den neuesten Quellen bearbeitet. Mit Originalbeiträgen über die deutsche Armee von Generalmajor von Specht. *Akron, O: The Werner Co.*, 1900. 3 p.l., 181 p., 41 pl. f°.

Title and text in German and English.

Uniformen (Die) der deutschen Marine in detaillirten Beschreibungen und Farbendarstellungen. Nebst Mittheilungen über Organisation, Stärke etc... und den. . . Abbildungen aller Standarten und Flaggen. Nach authentischen Quellen herausgegeben. *Leipzig: M. Ruhl*, 1884. 2 Aufl. iv, 64 p., 24 pl. 8°.

Naval Uniforms, cont'd.

GREAT BRITAIN.

Great Britain.—*Admiralty.* Uniform regulations for officers of the fleet. *London: Darling & Son, printers*, 1893. 29 p., 24 col'd pl. 4°.

—— —— Uniform regulations for petty officers, men, & boys of the fleet, and for boys in the training ships. (Revised, embodying all corrections issued up to date.) *London: Erye & Spottiswoode, prtrs.*, 1901. 70 p., 10 pl. 16°.

Yexley (Lionel). The bluejacket and the tailors. (Nineteenth Century and After. v. 55, pp. 1030–1034. *London*, 1904.)

UNITED STATES.

United States.—*Navy Department.* Regulations for the uniform and dress of the Navy of the United States. [*Washington?*] *J. & G. S. Gideon, prtrs.* [1841.] 14 p., 1 pl. 12°.

—— —— Regulations for the uniform and dress of the United States army and navy. *Philadelphia: W. H. Horstman & Sons*, 1844. 27 p. 12°.

—— —— Uniform for the U. S. Navy. General regulations. *n. t.-p.* [1866] 16 p., 29 pl. (27 col'd.) 8°.

—— —— Uniform for the United States Navy. *Washington: Govt. Prtg. Office*, 1869. 17 p. 8°.

—— —— Regulations governing the uniform of officers of the United States Navy. *Washington: Govt. Prtg. Office*, 1883. 15 p., 5 plates. 8°.

—— —— Uniform for the U. S. Navy. General regulations. *Washington*, 1886. 26 p., 52 pl. (50 colored). 8°.

Naval War Game.
See Naval Art and Science.

PRINCIPAL ACCESSIONS IN AUGUST.

Bibliography.

Bradford (Thomas Lindsley). The bibliographer's manual of American history...Compiled by Thomas Lindsley Bradford...Edited and revised by Stan. V. Henkels. v. 1. *Philadelphia: S. V. Henkels & Co.*, 1907. 8°.

Williams (Henry Smith). Manuscripts, inscriptions, and muniments Oriental, classical, medieval and modern; described, classified and arranged, comprehending The history of the art of writing. With more than two hundred facsimile reproductions in tone and color from the important languages of every age. *London: Merrill & Baker* [1907]. 4 v. f°.
Portfolio 1, Oriental series; 2, Classical series; 3, Medieval series; 4, Modern series.

Biography.

Beugnot (Jacques-Claude). Un préfét du Consulat, Jacques-Claude Beugnot. (D'après ses papiers...) Par Étienne Dejean. *Paris: Plon-Nourrit & Cie.*, 1907. 2 p.l., xv, 452 p., 7 facs. 8°.

Buckner family. The Buckners of Virginia, and the allied families of Strother and Ashby. Edited by William Armstrong Crozier...Published privately for William Dickinson Buckner. *New York: Genealogical Association*, 1907. 4 p.l., 303 (1) p., 13 l., 7 charts, 35 pl., 38 port. 8°.

Fite family. The biographical and genealogical records of the Fite families in the United States. Including sketches of the following families: Armstrong, Coldwell, Donnell...[etc.] By Mrs. Elizabeth Mitchell Stephenson Fite. *New York: E. M. S. Fite*, 1907. xi (1), 13–153, xxii p. 8°.

Fox (Charles James). Charles James Fox. A commentary on his life and character. By Walter Savage Landor. Edited by Stephen Wheeler. With a portrait. *London: J. Murray*, 1907. xxv, 255 p., 1 port. 8°.

Gates family. Silas Gates of Stow, Mass., and the descendants of his son Paul Gates, of Ashby, Mass. Compiled by Julius Kendall and Samuel Perly Gates. [*Boston:*] *printed for private circulation*, 1907. 147 p., 1 pl. 8°.

Goethe (Johann Wolfgang von). Goethes Tod. Dokumente und Berichte der Zeitgenossen hrsg. von Karl Schüddekopf. *Leipzig: Insel-Verlag*, 1907. 3 p.l., 183 (1) p., 4 l., 3 facsim., 2 pl., 1 port. 8°.

Graham (*Sir* James). Life and letters of Sir James Graham, second baronet of Netherby, 1792–1861. By Charles Stuart Parker. *London: John Murray*, 1907. 2 v. illus. 8°.

The Houblon family. Its story and times. By Lady Alice Archer Houblon. *London: A. Constable & Co.*, 1907. 2 v. 8°.

McKinley (William). William McKinley. A biographical study. By A. Elwood Corning. *New York: Broadway Pub'g Co.*, 1907. 5 p.l., ix, 3 l., 182, ii p., 9 pl., 5 port. 12°.

Margaret of Valois. Queen Margot, wife of Henry of Navarre. By H. Noel Williams. *London: Harper Bros.*, 1907. xviii, 408 p., 1 l., 16 port. 4°.

Montagu (Lady Mary Wortley). Lady Mary Wortley Montagu and her times. By George Paston. *London: Methuen & Co.*, 1907. x, 559 (1) p., 1 pl., 23 port. 8°.

Waterman family. The Maine Watermans, with an account of their ancestors in Massachusetts, Rhode Island, and Connecticut. By Charles E. Waterman. *Mechanic Falls, Maine: Ledger Pub. Co.*, 1906. 100 p. illus. 8°.

General History and Travel.

Larned (Josephus Nelson). The rise and fall of nations, with portrayals of their great men and women, exhibiting seventy centuries of the life of mankind. With an introductory account of prehistoric peoples. *Springfield, Mass.: The C. A. Nichols Co.*, 1907. 2 v. illus. 8°.

Pollard (Albert Frederick). Factors in modern history. *London: Archibald Constable and Co., Ltd.*, 1907. xi, 287 p. 8°.

Rew (Henry C.) Wonders of the world abroad. Being some reminiscences of a trip around the world... *Buffalo: Privately imprinted for H. C. Rew* [*at the Mathews-Northrup Works*,] 1907. 281 (1) p. illus. 4°.
500 copies printed. Presentation copy from the author, with his autograph inscription.

America.

Bruce (Philip Alexander). Social life of Virginia in the seventeenth century. An inquiry into the origin of the higher planting class...*Richmond, Va.: The Author*, 1907. 268 p. 8°.

Champlain (Samuel de). Voyages of Samuel de Champlain, 1604–1618. Edited by W. L. Grant. *New York: Charles Scribner's Sons*, 1907. xiii, 377 p., 1 map, 2 pl. 8°. (Original Narratives of Early American History.)

Connelley (William Elsey). War with Mexico, 1846–1847. Doniphan's expedition, and the Conquest of New Mexico and California. *Kansas City, Mo.: Bryant & Douglas Book & Stationery Co.*, 1907. xiv, 2 l., 3–670 p., 2 maps, 1 port. illus. 8°.

Davis (Miss Jeanette E.) Round about Jamestown. Historical sketches of the Lower Virginia Peninsula. [*Hampton, Va.*, 1907.] 104 p., 2 l., 1 map, 27 pl. 12°.

Dunning (William Archibald). Reconstruction, political and economic. 1865–1877. *New York: Harper & Bros.*, 1907. xvi, 378 p., 7 maps, 1 port. 8°. (The American nation: A history. vol. 22.)

Flagg (Charles A[lcott]). A guide to Massachusetts local history... *Salem, Mass.: The Salem Press Co.* [cop. 1907.] ix (1), 256 p., 1 l., 11 maps. 8°.

Greene (Francis Byron). History of Boothbay, Southport and Boothbay Harbor, Maine, 1623–1905, with family genealogies. Illustrated by maps, cuts and portraits. *Portland: Loring, Short & Harmon*, 1906. 2 p.l. (1) iv–vi, 1 l., (1) 10–693 p., 5 maps, 1 plan, 13 pl., 19 ports. 4°.

Hoyt (William Henry). The Mecklenburg Declaration of Independence. A study of evidence showing that the alleged early Declaration of Independence by Mecklenburg County, North Carolina, on May 20th, 1775, is spurious. *New York: G. P. Putnam's Sons*, 1907. xv, 284 p., 8 facsim. 8°.

Jervey (Clare). Inscriptions on the tablets and gravestones in St. Michael's Church and Churchyard, Charleston, S. C. To which is added from the church records a list of interments of persons to whom there are no stones. Copied and arranged by Clare Jervey. *Columbia, S. C.: The State Co.*, 1906. 344 p., 1 plan, 26 pl. 8°.

Lummis (Charles Fletcher). The land of poco tiempo. *New York: Charles Scribner's Sons*, 1906. 3 p.l., (1) x–xii, 310 p., 1 pl. illus. 8°.

Siegfried (André). The race question in Canada. *London: E. Nash*, 1907. viii, 343 (1) p. 8°.

Virginia.—*Statutes.*

All the titles noted below are from Thomas Jefferson's library, several bearing his signature and private marks of ownership.

Session Laws.

1766, Nov. 6. n. t-p. pp. 1–50. f°.

1777, May. Act to oblige the free male inhabitants...[Act of allegiance.] *Williamsburg: Printed by Alexander Purdie.* 1 l. f°.

1777, May 5. At a general assembly . . . *Williamsburg: Alexander Purdie.* 1 l., 34 p. f°.

See Catalogue of President Jefferson's library, sold at auction, Washington, 1829, nos. 575 and 688.

1777, Oct. 20. At a general assembly . . . *Williamsburg: Alexander Purdie.* 1 l., 40 p. f°.

Chapter numbers added in manuscript by Jefferson.

1778, May 4. At a general assembly . . . *Williamsburg: Alexander Purdie.* 1 l., 3–14 p. f°.

Chapter numbers added in manuscript by Jefferson. Pages 9–14 imperfect.

1778, Oct. 5. At a general assembly . . . *Williamsburg: Alexander Purdie.* 1 l., 3–46 p. f°.

Jefferson's private mark on signature I, page 35. Pages 1–30 defective on corners.

1779, May 3. Acts passed at a general assembly, begun and held at the capitol in the city of Williamsburg, On Monday the 3d day of May in the Year of our Lord 1779. *Williamsburg: Printed by John Dixon and Thomas Nicolson.* 1 l., 3–57 p. f°.

Jefferson's private mark on signature I, page 37. Last leaf defective.

1780, May 1. Acts passed at a general assembly...*Richmond: John Dixon and Thomas Nicolson.* 1 l., 3–46 p. f°.

1781, May 7. Acts passed at a general assembly...*Charlottesville: John Dunlap and James Hayes.* 1 l., [3–]18 p., 1 l. f°.

Journals.

1775. Journal of the House of Burgesses. [5 June, 1775.] [2] l. f°.

The Journal of this Session (1–24 June) was printed from the manuscript record when issued in J. P. Kennedy's edition of the "Journals of the House of Burgesses of Virginia, 1773–1776," Richmond, 1905, pages 161–283. The introductory note there states, page [vii], that "The Journal of 1775 was never printed in full, but an epitome of the Session was published under the following title: '"The Proceedings of the House of Burgesses of Virginia . . . Williamsburg, Printed by Alexander Purdie." 48 pp.' Copies of this pamphlet are to be found in the British Museum and in the Library of Congress."

Leaf [1] of the N. Y. P. L. copy contains the prorogations of November 3, 7, 10 [1774], and Jan. 19, Apr. 18, May 12, 1775.

Leaf [2] contains on recto Dunmore's authorization for administration of oath, and on verso the half title, italic introductory paragraph, and paragraphs 1–4 of the Journal.

1776. Journal of the Senate. Anno Domini, 1776. [7 Oct.–21 Dec.] *Williamsburg: Printed by Alexander Purdie, Printer to the Commonwealth.* 1 l., 3–55, 55, 57–65 p. f°.

Journal of the House of Delegates of Virginia. Anno Domini, 1776. [7 Oct.–21 Dec.] *Williamsburg: Printed by Alexander Purdie, Printer to the Commonwealth.* 1 l., 3–62, 62, 64–145 p. f°.

Jefferson's autograph signature on title-page and private marks at signatures I and T, pages 33 and 73.

1777. Journal of the Senate. [5 May–28 June.] *n. t.-p.* pp. 3–50. f°.

Journal of the House of Delegates... [5 May–28 June]. *Williamsburg: Printed by Alexander Purdie.* 1 l., 3–150 p. f°.

1778. Journal of the Senate. [20 Oct., 1777–24 Jan., 1778.] *Williamsburg: Printed by John Dixon and William Hunter*, 1777. 1 l., [3–]58 p. f°.

Journal of the House of Delegates... [20 Oct., 1777–24 Jan., 1778.] *Williamsburg: Alexander Purdie.* 1 l., 143 p. f°.

Title-page bears printed date 1778 corrected to 1777 in MS. in a contemporary hand. Jefferson's private ownership marks on signatures I and T, pages 33–73.

Convention.

Ordinances Passed at a Convention held at the town of Richmond, in the colony of Virginia, On Monday the 17th of July, 1775. *Williamsburg: Printed by Alexander Purdie.* 1 l., 3–51 p. f°.

Jefferson's autograph signature on title-page, private ownership marks on signature I on page 33, and numerous chapter headings added in his hand.

Vries (Hugo de). Naar Californië. *Haarlem: H. D. Tjeenk Willink & Zoon*, 1907. v.2. 8°.

Wells (Edward L.) Hampton and reconstruction. *Columbia, S. C.: The State Co.*, 1907. v, 1 l., 238 p., 1 port. 8°.

EUROPE.

Baring (Maurice). A year in Russia. *London: Methuen & Co.* [1907] xix, 319 (1) p. 8°.

Déchy (Moriz von). Kaukasus. *Berlin*, 1907. Bd. 3. sq. f°.

Deutsch (Leo). Viermal entflohen. *Stuttgart: J. H. W. Dietz Nachf.*, 1907. viii, 198 p. 12°. (Internationale Bibliothek. no. 41.)

Draganof ( ). La Macédoine et les réformes. Préface de Victor Bérard. *Paris: Plon, Nourrit & Cie.*, 1906. xxii, 326 p., 1 map. 8°.

Huard (Charles). Berlin comme je l'ai vu. Texte et dessins par Charles Huard. *Paris: E. Rey*, 1907. 188 p., 2 l. illus. 12°.

Lannoy (Charles de), *and* H. VANDER LINDEN. Histoire de l'expansion coloniale des peuples européens. [v.] 1. *Bruxelles: H. Lamentin*, 1907. 8°.
[v. 1.] Portugal et Espagne (jusqu'au début du xixe siècle.)

M'Call (H. B.) The early history of Bedale in the North Riding of Yorkshire. *London: E. Stock*, 1907. xix, 134 p., 1 l., 1 plan, 5 pl., 3 tab. ill. 4°.

Muir (Ramsay). A history of Liverpool. *London: The University Press of Liverpool*, 1907. xvi, 372 p., 1 facsim., 2 maps, 1 plan, 14 pl., 2 port. 8°.

Ollivier (Emile). L'empire liberal. *Paris*, 1908. T. 12. 12°.

Philippson (Alfred). Europa. Zweite Auflage des von Dr. A. Philippson und Prof. Dr. L. Neumann verfassten Werkes, neu bearbeitet von A. Philippson. Mit...Abbildungen...von E. T. Compton, H. Heubner [and others]. *Leipzig: Bibliographisches Institut*, 1906. xii, 761 (1) p., 14 maps, 21 pl. 4°. (Allgemeine Länderkunde.)

Somersetshire. Somerset parish registers. Marriages. Edited by W. P. W. Phillimore and H. W. Seager. *London*, 1907. v. 9. 8°. (Phillimore's parish register series. v. 85.)

Vernon Harcourt (L. W.) His Grace the Steward and trial of peers. A novel inquiry into a special branch of constitutional government. Founded...upon original sources...and...unprinted materials. *London: Longmans, Green & Co.*, 1907. xii, 500 p. 8°.

AFRICA.

Bosman (Walter). The Natal Rebellion of 1906; and an introduction by Col. Duncan McKenzie...With twenty-one portraits and...illustrations. *London: Longmans, Green & Co.*, 1907. xv, 222 p., 1 map, 8 plans, 19 pl., 2 port. 12°.

Budge (E.) The Egyptian Sûdân. Its history and monuments. With numerous illustrations. *London: Kegan Paul, Trench, Trübner & Co., Ltd.*, 1907. 2 v. 4°.

Capart (Jean). Chambre funéraire de la sixième dynastie aux Musées Royaux du Cinquantenaire. *Bruxelles: Vromant & Co.*, 1906. 26 p., 5 pl. f°.

Dicey (Edward). The Egypt of the future. *London: W. Heinemann*, 1907. 4 p.l., 216 p. 12°.

Kumm (H. Karl W.) The Sudan. A short compendium of facts and figures about the land of darkness. With an introduction by the late Mrs. Karl Kumm...[Preface by R. F. Horton.] Illustrations, maps. *London: Marshall Bros.* [1907] xiv, 224 p., 2 maps, 38 pl., 2 port. 8°.

Newberry (Percy E.), *and* JOHN GARSTANG. A short history of ancient Egypt. *London: Archibald Constable & Co., Ltd.*, 1907. xii, 111 p., 20 pl. New ed. 12°.

ASIA, AUSTRALIA, PACIFIC ISLANDS.

Niedieck (Paul). Kreuzfahrten im Beringmeer. Neue Jagden und Reisen. *Berlin: P. Parcy*, 1907. x, 1 l., 253 (1) p., 1 map in pocket, 31 pl., 1 port. illus. 8°.

Rogers (J. D.) A historical geography of the British colonies. v. 6 (Australasia). *Oxford*, 1907. 12°.

Stein (Mark Aurel). Ancient Khotan. Detailed report of archæological explorations in Chinese Turkestan, carried out and described under the orders of H. M. Indian government...Text and plates. *Oxford: Clarendon Press*, 1907. 2 v. 4°.

JEWS.

Abbott (George Frederick). Israel in Europe. *London: Macmillan & Co.*, 1907. xix, 533 p. 8°.
Schiff Collection.

Maulde [la Clavière (A. René] de). Les juifs dans les états français du Saint-Siège au moyen age. Documents pour servir à l'histoire des Israélites et de la Papauté. *Paris: H. Champion*, 1886. 2 p.l., 194 p. 4°.
Schiff Collection.

ART.

Bayzelon (Honoré). L'industrie de la dentelle à la main, et les tentatives récentes de rénovation. *Lyon: Imprimeries Réunies*, 1906. 2 p.l., 210 p. 4°.
Bibliography, pp. 208–210.

Blackmore (Betsy L.) The A-B-C of needlework. .With a preface by Miss S. Loch. *London: R. Holland & Co.*, 1906. 123 p., 2 pl. illus. 12°.

Calthrop (Dion Clayton). English costume. *London: A. and C. Black*, 1906. 4 v. 8°.
I, Early English; II, Middle ages; III, Tudor and Stuart; IV, Georgian.

Champeaux (A. de). Dictionnaire des fondeurs, ciseleurs, modeleurs en bronze et doreurs, depuis le moyen-âge jusqu'à l'époque actuelle. [v.] 1. *Paris: J. Rouam*, 1886. 16°. (Guides du collectionneur.)
v. 1, A–C; no more was published.

Dillon (Edward). Glass. *London: Methuen & Co.* [1907] xxviii, 373 (1) p., 49 pl. 4°. (The connoisseur's library. no. 15.)

Fett (Harry). Gamle norske Hjem. Hus og Bohave. *Kristiania: Alb. Cammermeyer* [1906]. 4 p.l., 179 (1) p. ill. f°. (Norsk Folkemuseum: Gammel Norsk Kultur i Tekst og Billeder.)

Gardner (J. Starkie). Ironwork, from the earliest times to the end of the mediæval period. Pt. 1. *London: Wyman & Sons*, 1907. 2. ed. illus. 12°. (Victoria & Albert Mus., South Kensington, Art handbooks, 1907.)

Graef (Max). Moderne Möbel. Ausgewählte Vorlagen für die Ausstattung von Wohnräumen im Stile der Neuzeit. Eine Sammlung von Gebrauchs- und Ziermöbeln zur Einrichtung der Herren- und Damenzimmer, Salons, Speise-, Toilette-, Schlaf- und Vorzimmer. *Leipzig: B. F. Voigt*, 1907. 8 p., 30 pl. 2. ed. 4°.

Haberlandt (Michael). Völkerschmuck, mit besonderer Berücksichtigung des metallischen Schmuckes nebst Einführungen und Erläuterungen. *Wien: Gerlach & Wiedling* [1906]. 22 p., 109 pl. ob. 4°. (Die Quelle. [v.] 7.)

Hands (Hinda M.) Church needlework. A manual of practical instruction. *London: G. J. Palmer & Sons*, 1907. 4 p.l., 103 p. illus. 8°.

Hasluck (Paul Nooncree). The book of photography; practical, theoretic and applied. Edited by Paul N. Hasluck. *London: Cassell & Co.* [1907?] xl, 744 p., 48 pl. illus. 8°.

Jackson (F. Hamilton). Intarsia and marquetry. With...illustrations. *London: Sands & Co.*, 1903. xix, 152 p., 54 pl. 8°. (Handbook for the designer and craftsman.)

Jekyll (Gertrude). Flower decoration in the house. *London: "Country Life,"* 1907. xi, 98 p., 30 pl. 8°. ("Country Life" Library.)

Moody (A. Penderel). Devon pillow lace: its history, and how to make it. By A. Penderel Moody, assisted in the instructions by A. E. Tompkins. *London: Cassell & Co., Ltd.*, 1907. 2 p.l., 169 p., 19 pl. 8°.

Muthesius (Hermann). Landhaus und Garten. Beispiele neuzeitlicher Landhäuser nebst Grundrissen, Innenräumen und Gärten. Mit einleitendem Text hrsg. von H. Muthesius. *München: F. Bruckman A. G.*, 1907. 5 p.l., ix–xxxx, 240 p. illus. 4°.

Ponci (Piero). Tessitura meccanica della seta. *Milano: U. Hoepli*, 1907. xii, 2 l., (1) 6–343 p. 16°. (Manuali Hoepli.)

Robinson (William). The garden beautiful; home woods, home landscape. *London: J. Murray*, 1906. xi. 394 p., 1 l. 8°.

Saglio (André). French furniture. *London: G. Newnes* [1907]. xi, 193 p., 60 pl. 8°. (Newnes' Library of the Applied Arts.)

Singleton (Esther). Dutch and Flemish furniture. *London: Hodder & Stoughton*, 1907. xvi, 338 p., 63 pl. 4°.

Stauffer (David McNeely). American engravers upon copper and steel. *New York: The Grolier Club of the City of N. Y.*, 1907. 2 v. illus. 4°.

Strange (Thomas Arthur). 400 pages of illustrations. An historical guide to French interiors, furniture decoration, woodwork & allied arts during the last half of the seventeenth century, the whole of the eighteenth century, and the earlier part of the nineteenth, *London: McCorquodale & Co., Ltd.*, 1907. 2 p.l., 400 p. 4°.

Thomson (W. G.) A history of tapestry from the earliest times until the present day. With four plates in colour... illustrations in black and white. *London: Hodder & Stoughton*, 1906. 1 p.l., (1) vi–xvi, 1 l., 506 p., 74 pl. 4°.

Uldall (F.) Danmarks middlealderlige Kirkeklokker. *Kjöbenhavn: Lehmann & Stage*, 1906. 2 p.l., li, 1 l., 327 p. ill. f°.

Music.

Fischer (Jerry Cree). Piano tuning, regulating and repairing. A complete course of self-instruction in the tuning of pianos and organs, for the professional or amateur. *Philadelphia: T. Presser* [1907]. viii, 7–219 p. 8°.

Sport.

Hardy (John James). Salmon fishing. *London: "Country Life," Ltd.*, 1907. xii, 169 p., 18 pl. 8°.

Hodgson (William Earl). How to fish: a treatise on trout & trout-fisheries. *London: A. & C. Black*, 1907. xii, 377 p., 8 pl. 12°.

American and English Literature.

Crawford (Charles). A concordance to the works of Thomas Kyd. *Louvain: A. Uystpruyst*, 1906. 3 p.l., iii–v, 200 p. 4°. (Materialien zur Kunde des älteren englischen Dramas. Bd. 15.)

Given (John L.) Making a newspaper. *New York: H. Holt & Co.*, 1907. 2 p.l., iii, 325 p. 12°.

Neubner (Alfred). Missachtete Shakespeare-Dramen. Eine literarhistorisch-kritische Untersuchung. *Berlin: O. Elsner*, 1907. 2 p.l., xi, 197 p., 1 l. 8°. (Neue-Shakespeare-Bühne. v. 3.)

Proctor (Edna Dean). Songs of America, and other poems. *Boston: Houghton, Mifflin & Co.*, 1905. 4 p.l., vii–viii, 123 (1) p. 12°.

Russell (George William Erskine). Seeing and hearing. *London: E. G. Richards*, 1907. viii, 395 p. 8°.

Rickett (Leonard A.) Poems of love and nature. *London: Longmans, Green & Co.*, 1905. viii, 107 (1) p. 12°.

Schuyler (William). Under Pontius Pilate. Being a part of the correspondence between Caius Claudius Proculus in Judea and Lucius Domitius Ahenobarbus at Athens. In the years 28 and 29 A.D. *New York: Funk & Wagnalls Co.*, 1906. 6 p.l., 3–353 p., 8 pl. 8°.

Smith (Arnold). The main tendencies of Victorian poetry. Studies in the thought and art of the greater poets. *Bournville, Engl.: The Saint George Press, Ltd.*, 1907. xiii, 208 p. 12°.

Symons (Arthur). Studies in seven arts. *London: Archibald Constable and Co.*, 1906. vii, 394 p. 8°.

Tucker (Thomas George). The foreign debt of English literature. *London: G. Bell & Sons*, 1907. vii, 270 p., 9 tab. 8°.

Tunison (Joseph Salathiel). Dramatic traditions of the dark ages. *Chicago: The University of Chicago Press*, 1907. xviii, 350 p. 12°.

Udall (Nicholas). The dramatic writings of Nicholas Udall. Comprising: Ralph Roister Doister ∴Ed. by John S. Farmer. *London: Early English Drama Soc.*, 1906. 2 p.l., 160 p. 16°. (Early English Drama Society. Early English Dramatists.)

Vaughan (Charles Edwyn). The romantic revolt. *Edinburgh: W. Blackwood & Sons*, 1907. viii, 1 l., 507 p. 12°. (Periods of European Literature.)

Viereck (George Sylvester). Nineveh, and other poems. *New York: Moffat, Yard & Co.*, 1907. xvii, 157 p. 8°.

Werder (Karl). The heart of Hamlet's mystery. Translated from the German...by Elizabeth Wilder. With introduction by W. J. Rolfe. *New York: G. P. Putnam's Sons*, 1907. vi, 223 p. 12°.

Wilde (Oscar). The ballad of Reading gaol. *Boston: J. W. Luce & Co.*, 1906. 4 p.l., 42 p. 24°.

Wilde (Oscar). The Canterville ghost. An amusing chronicle of the tribulations of the ghost of Canterville Chase when his ancestral halls became the home of the American minister to the court of St. James. Illustrated by Wallace Goldsmith. *Boston: J. W. Luce & Co.*, 1906. vi, 123 (1) p., 1 pl. 12°.

Wolff (Max J.) Shakespeare. Der Dichter und ein Werk. Bd. 1. *München: C. H. Beck*, 1907. 8°,

Yeats (William B[utler]). Poetical works. v.1. *New York: The Macmillan Co.*, 1906. 12°.

Zangwill (Israel). Ghetto comedies. *New York: The Macmillan Co.*, 1907. ix, 487 p. 8°.
Schiff Collection.

Foreign Literature.

Bertram (Karl). Quellenstudie zu Gottfried Kellers "Hadlaub." *Leipzig: Gustav Fock*, 1906. 2 p.l., 85 p. 8°.

Bèze (Theodore de). A tragedie of Abraham's sacrifice. Written in French by Theodore Beza and translated into English by Arthur Golding. Edited with an introduction, notes and an appendix containing the Abraham Sacrifiant of Th. B., by Malcolm W. Wallace. *Toronto: University of Toronto Library*, 1906. lxi, 127 p., 5 fac-sim. 4°.
Schiff Collection.

Bluemml (E. K.) Schnurren und Schwänke des französischen Bauernvolkes. Deutsch von E. K. Blümml. *Leipzig: Deutsche Verlagsactiengesellschaft*, 1906. 214 p. 8°. (Romanische Meisterzähler. Bd. 10.)

Brzozowski (Franciszek Korab). Przystowia polskie; zebrat F. K. Brzozowski. *Krakow: A. Stomski*, 1896. xviii, 191 p. 4°.

Campbell (Lewis). Paralipomena Sophoclea. Supplementary notes on the text and interpretation of Sophocles. *London: Rivingtons*, 1907. xv, 287 p. 12°.

Christina, *queen of Sweden.* Pensées de Christine, reine de Suède. Avec une préface par le Baron de Bildt. *Stockholm: P. A. Norstedt & Söner* [1906]. 255 p. 12°.

Dames (Mansel Longworth). Popular poetry of the Baloches. v. 1. *London: D. Nutt*, 1907. 8°. (Folk-Lore Society, Publications. v. 59.)

David (J. J.) Die Zeitung. *Frankfurt am Main: Rütten & Loening* [1906]. 3 p.l., 5–97, (1) p. 12°. (Die Gesellschaft. Hrsg. von Martin Buber. Bd. 5.)

Dhorme (Paul). Choix de textes religieux assyrobabyloniens. Transcription, traduction, commentaire par Le P. Paul Dhorme... *Paris: V. Lecoffre*, 1907. 3 p.l., xxxvii, 406 p. 4°. (Études bibliques.)
Schiff Collection.

Dittmer (Wilhelm). Te Tohunga; alte Sagen aus Maoriland. In Bild und Wort von W. Dittmer. *Hamburg: A. Janssen* [1907]. 5 p.l., 119 p., 2 l. ill. 4°.

Francke (Kuno). German ideals of to-day, and other essays on German culture. *Boston: Houghton, Mifflin & Co.*, 1907. viii, 1 l., 341 (1) p., 1 port. 12°.

Gersuny (Robert). Bodensatz des Lebens. *Wien: H. Heller & Cie.*, 1906. 61 (1) p. 12°.

Gogol (Nikolai Vasilievich). Taras Bulba: a story of the Dnieper Cossacks. By Nicholas Gogol. Translated by B. C. Baskerville. *London: The Walter Scott Pub. Co., Ltd.*, 1907. xii, 295 (1) p. illus. 12°.

Grettis Saga. The story of Grettir the Strong, translated from the Icelandic by Eirikr Magnusson and William Morris. [*London: Longmans, Green & Co.*, 1901.] xiv, 1 l., 177 p., 1 map. 4°.
First printed in 1869, and reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Henckell (Karl). Deutsche Dichter seit Heinrich Heine. Ein Streifzug durch fünfzig Jahre Lyrik. *Berlin: Bard, Marquardt & Co.* [1905] 1 p.l, 178 p., 8 facsim., 1 pl., 25 port. 16°. (Die Literatur. Herausgegeben von Georg Brandes. v. 37–38.)

Homenaje à D. Francisco Codera en su jubilación del profesorado. Estudios de erudición oriental, con una introducción de D. Eduardo Saavedra. *Zaragoza: Mariano Escar*, 1904. xxxviii, 656 p., 4 facs., 2 pl., 1 port. 4°.

Homer. The Odyssey of Homer done into English verse by William Morris. [*London: Longmans, Green & Co.*, 1901.] 1 p.l., v, 293 p. 4°.
First printed in 1887, and reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Kalkschmidt (Eugen). Grossstadtgedanken. Studien u. Ratschläge aus der ästhetischen Praxis. *München: G. D. W. Callwey* [1906]. vi, 1 l., 266 p. 8°.

Keller (Albrecht). Die Schwaben in der Geschichte des Volkshumors. *Freiburg (Baden): J. Bielefeld*, 1907. xvi, 388 p. 8°.

Kutscher (Arthur). Friedrich Hebbel als Kritiker des Dramas. Seine Kritik und ihre Bedeutung. *Berlin: B. Behr*, 1907. xi. 229 p. 8°. (Hebbel-Forschungen. No. 1.)

Loeffel (Wilhelm). Witz und Humor, sowie Allerhand aus der Stadt und vom Land! Gedichte, Erzählungen, Humoresken und Theatrestücke. *Stuttgart: P. Mähler* [190–?]. 3 p.l., 3–188 p. 16°.

Mijnssen (Frans). Tooneelspelen (Uit eigen wil-Verdwaalden). *Bussum: C. A. J. van Dishoeck*, 1906. 4 p.l., (1)4–179 p. 12°.

Nicholson (Frank C.) Old German love songs. Translated from the "Minnesingers" of the 12th to 14th centuries. *London: T. Fisher Unwin*, 1907. 1 p.l., lx, 196 p. 8°.

O'Connor (W. F.) Folk tales from Tibet. With illustrations by a Tibetan artist and some verses from Tibetan love-songs. Collected and translated by Capt. W. F. O'Connor. *London: Hurst & Blackett*, 1906. viii, 2 l., 176 p., 13 pl. 8°.

Ovidio (Francesco d'). Nuovi studii danteschi. Ugolino, Pier della Vigna, I Simoniaci e discussioni varie. *Milano: Ulrico Hoepli*, 1907. xv, 624 p. 12°.

Pantschatantra: Fünf Bücher indischer Fabeln, Märchen und Erzählungen. Aus dem Sanskrit übersetzt mit Einleitung und Anmerkungen von Theodor Benfey. Theil 1–2. *Leipzig: F. A. Brockhaus*, 1859. 2 v. 8°.

Rattermann (Heinrich Armin). Gesammelte ausgewählte Werke. *Cincinnati, O.: Selbstverlag des Verfassers*, 1906. 2 v. 8°.

Rohr (Lorenz). Zwewle, Knowloch un Marau, Pfälzische Gedichte. *München: J. Schweitzer. Verlag*, 1896. x, 210 p. 12°.

Rudolph (Johannes). Aus Welt, Zeit und Herz. Gedichte. *Stuttgart: Greiner & Pfeiffer*, 1897. 4 p.l., 44 p. 16°.

Rudolph (Johannes). Heimatklänge in der Fremde. Gedichte. *Stuttgart: Greiner und Pfeiffer*. 1900. 64 p. 16°.

Schaukal (Richard). Leben und Meinungen des Herrn Andreas von Balthesser, eines Dandy und Dilettanten. Mitgeteilt von R. Schaukal. *München: G. Müller*, 1907. 5 p.l., (1) 4–183 (1) p. 12°.

Schnoudi, *abbot of Athribis*. Œuvres de Schenoudi. Texte copte et traduction française par E. Amélineau. Tome 1. *Paris: E. Leroux*, 1907. sq. 4°.

Stuckenberg (Viggo). Sidste Digie. *København: Gydlendalske Boghandel*, 1906. 4 p.l., 196 p., 1 port. sq. 12°.

Stueven (Hermine). Fremde und Heimat. Gedichte. *Dresden: E. Pierson's Verlag*, 1905. vii, 143 p. 12°.

Three Northern love stories, and other tales translated from the Icelandic by Eirikr Magnusson and William Morris. [*London: Longmans, Green & Co.*, 1901.] vii, 113 p. 4°.

First printed in 1875. reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Velten (C.) Prosa und Poesie der Suaheli. *Berlin: Der Verfasser*, 1907. 2 p.l., viii, 1 l., 443 p. 8°.

Virgil. The Aeneids of Virgil done into English verse by William Morris. [*London: Longmans, Green & Co.*, 1902.] iii, 238 p. 4°.

First printed in 1876, and reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Vorlaender (Karl). Kant. Schiller. Goethe. Gesammelte Aufsätze. *Leipzig: Dürr*, 1907. xiv, 294 p. 8°.

Wilbrandt (Adolf). Lieder und Bilder. *Stuttgart: J. G. Cotta*, 1907. x, 253 (1) p. 12°.

Mathematical and Physical Sciences.

Arrhenius (Svante August). Theories of chemistry. Being lectures delivered at the University of California, in Berkeley. Edited by T. Slater Price. *London: Longmans, Green, & Co.*, 1907. xii, 212 p. 8°.

—— Das Werden der Welten. Mit Unterstützung des Verfassers aus dem Schwedischen übersetzt von L. Bamberger. *Leipzig: Akademische Verlagsgesellschaft, m. b. H.*, 1907. 1 p.l., vi, 208 p. 8°.

Berthelot (Pierre Eugène Marcellin). Traité pratique de l'analyse des gaz. *Paris: Gauthier-Villars*, 1906. ix, 1 l., 483 (1) p. ill. 8°.

Bolzano (Bernard). Rein analytischer Beweis des Lehrsatzes, dass zwischen je zwey Werthen, die ein entgegen gesetztes Resultat gewähren, wenigstens eine reelle Wurzel der Gleichung liege. [1817] Von B. Bolzano. Untersuchungen über die unendlich oft oszillierenden und unstetigen Funktionen von Hermann Hankel [1871]. Hrsg. von Philip E. B. Jourdain. *Leipzig: W. Engelmann*, 1905. 115 (1) p. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 153.)

Carslaw (H. S.) Introduction to the theory of Fourier's series and integrals and the mathematical theory of the conduction of heat. *London: Macmillan & Co., Ltd.*, 1906. xvii, 1 l., 434 p. 8°.

Duparc (Louis), *and* Francis Pearce. Traité de technique minéralogique et pétrographique. *Leipzig: Veit & Comp.*, 1907. Pt. 1. 8°.

Pt. 1. Les méthodes optiques.

Eldorton (W. Palin). Frequency-curves and correlation. *London: Institute of Actuaries* [1906]. xiii. 172 p. 8°.

Fiske (Thomas Scott). Functions of a complex variable. *New York: J. Wiley & Sons*, 1907. v, 99 p. 4. ed. 8°. (Mathematical monographs. No. 11.)

Galle (A.) Geodäsie. *Leipzig: G. J. Göschensche Verlagshandlung*, 1907. xi, 284 p. illus. 12°. (Sammlung Schubert, 23.)

Grotthuss (Theodor von). Abhandlungen über Elektrizität und Licht. [1820.] Hrsg. von R. Luther und A. v. Oettingen. *Leipzig: W. Engelmann*, 1906. 198 p., 1 l., 1 port. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 152.)

Helmert (Friedrich Robert). Die Ausgleichungsrechnung nach der Methode der kleinsten Quadrate. Mit Anwendungen auf die Geodäsie, die Physik und die Theorie der Messinstrumente. *Leipzig: B. G. Teubner*, 1907. xviii, 578 p. 2. ed. 8°.

Hill (George William). The collected mathematical works of George Wm. Hill. v. 4. *Washington*, 1907. f°. (Carnegie Inst. of Wash. Pubns. No. 9.)

Hermite (Charles). Œuvres de Charles Hermite publiées sous les auspices de l'Académie de Sciences par Émile Picard. Tome 1. *Paris: Gauthier-Villars*, 1905. 4°.

Jackson (Charles Samuel), *and* R. M. Milne. A first statics. *London: J. M. Dent & Co.*, 1907. vii, 1 l., 372 p. illus. 12°. (Dent's mathematical & scientific text books for schools.)

Jacobi (Karl Gustav Jacob). Neue Methode zur Integration partieller Differentialgleichungen erster Ordnung zwischen irgend einer Anzahl von Veränderlichen. [Aus den nachgelassenen, im Jahre 1838 geschriebenen Manuskripten, von C. G. J. Jacobi; hrsg. von A. Clebsch 1862.] Hrsg. von G. Kowalewski. *Leipzig: W. Engelmann*, 1906. 227 p., 1 l. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 156.)

Leteur (F.) Traité élémentaire de minéralogie pratique. *Paris: Ch. Delagrave* [1907]. 2 p.l., 152 p., 26 pl. ill. f°.

Martin (Martha Evans). The friendly stars. With an introduction by Harold Jacoby. *New York: Harper & Brothers*, 1907. ix (1), 2 l., 264 p., 1 l., 2 pl. illus. 12°.

Marcalli (Giuseppe). I vulcani attivi della terra. Morfologia, dinamismo, prodotti, distributione geografica, cause. *Milano: U. Hoepli*, 1907. viii, 421 (1) p., 1 map, 29 pl. ill. 8°.

Muir (Matthew Moncrieff Pattison). A history of chemical theories and laws. *New York: J. Wiley & Sons*, 1907. xx, 555 p. 8°.

Nernst (Walther). Experimental and theoretical applications of thermo-dynamics to chemistry. *New York: Charles Scribner's Sons*, 1907. x, 1 l., 123 p. Diagrams. 8°. (Yale University. Mrs. Hepsa Ely Silliman Memorial Lectures.)

Petit (Georges). Céruse et blanc de zinc. *Paris: Masson & Cie.* [1907.] 154 p., 1 l. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'ingénieur.)

Pickering (William Henry). Lunar and Hawaiian physical features compared. With sixteen plates. [*Cambridge.*] 1906. 1 p.l., 151–178 p., 1 l., 16 pl. 4°. (Amer. Acad. of Arts and Sciences. Memoirs. v. 13, pt. 4.)

Poinsot (L.), *and others*. Abhandlungen über die regelmässigen Sternkörper. Abhandlungen von L. Poinsot [1809], A. L. Cauchy [1811], J. Bertrand [1858], A. Cayley [1859]. Uebersetzt und hrsg. von Robert Haussner. *Leipzig: W. Engelmann*, 1906. 128 p., 1 l., 2 pl. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 151.)

Rutherford (Ernest). Radioactive transformations. With diagrams. *New York: C. Scribner's Sons*, 1906. 5 p.l., 287 p. 8°. (Yale University.—Mrs. Hepsa Ely Silliman Memorial Lectures.)

Salisbury (Rolin D.) Physiography. *New York: H. Holt & Co.*, 1907. xx, 770 p., 20 maps. 8°. (American science series.—Advanced course.)

Schafheitlin (Paul). Synthetische Geometrie der Kegelschnitte. *Leipzig: B. G. Teubner*, 1907. vi, 96 p. ill. 8°.

Schwartz (Ernst von). Handbuch zur Erkennung, Beurteilung und Verhütung der Feuer- u. Explosionsgefährchemisch technischer Stoffe und Betriebsanlagen. *Konstanz a. Bodensee: E. Ackermann*, 1907. 4 p.l., 488 p. 2. ed. 8°.

Sella (Quintino). Abhandlungen zur Kristallographie, [1858.] Hrsg. von F. Zambonini in Neapel. Mit 8 Figuren im Text. *Leipzig: W. Engelmann*, 1906. 44 p. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 155.)

Sommer (J.) Vorlesungen ueber Zahlentheorie. Einfuehrung in die Theorie der algebraischen Zahlenkoerper. Mit 4 Figuren im Text. *Leipzig: B. G. Teubner*, 1907. vi, 361 p. 8°.

Thompson (Jean M.) Water wonders every child should know. Little studies of dew, frost, snow, ice and rain... Illustrated from photographs by Wilson A. Bentley. *New York: Doubleday, Page & Co.*, 1907. xvii, 1 l., 233 p. 12°. (Every child should know.)

Toepler (August). Beobachtungen nach einer neuen optischen Methode. Ein Beitrag zur Experimentalphysik. Hrsg. von A. Witting. [1864.] *Leipzig: W. Engelmann*, 1906. 61 p., 1 l., 1 port., 4 tab. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 157.)

—— Beobachtungen nach der Schlierenmethode. Hrsg. von A. Witting. Mit 4 Tafeln und 1 Textfigur. *Leipzig: W. Engelmann*, 1906. 102 p., 1 l., 4 tab. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 158.)

First publ. in Poggendorff's Annalen, 1866. Bd. 127.

Vessiot (M. E.) Leçons de géométrie supérieure professées en 1905–1906. Rédigées par M. Anzemberger. *Lyon: Delaroche et Schneider* [1906]. viii, 322, 4 p. sq. 4°. (Université de Lyon.—Laboratoire de mathématiques.)

Washington (Henry Stephens). The Roman comagmatic region. *Washington: Carnegie Inst. of Washington*, 1906. vi, 299 p. 8°. (Carnegie Institution of Washington. Publications no. 57.)

Zillich (Karl). La statique appliquée à la résistance des matériaux et aux constructions civiles à l'usage des écoles professionnelles...etc. par K. Zillich. Traduit de l'allemand par M. Thibaut and E. Huble. Avec de nombreux exemples et applications ... dans le texte. *Paris: C. Béranger*, 1906. 2 p.l., iii, 427 p. 8°.

Biological Sciences.

Allen (John Kermott). Sanitation in the modern home. A suggestive guide to the architect and house owner in designing and building a residence providing a healthful, comfortable and convenient home. *Chicago: Domestic Engineering*, 1907. 271 p. 12°.

Bergson (Henri). L'évolution créatrice. *Paris: F. Alcan*, 1907. 2 p.l., viii, 403 p. 8°.

Busbey (Hamilton). Recollections of men and horses. *New York: Dodd, Mead & Co.*, 1907. xii, 354 p., 15 pl., 17 port. 8°.

Duncan (W. Stewart). The evolution of matter, life and mind. *Philadelphia: Index Pub. Co.*, 1907. 250 p. 12°.

Dutrochet (Henri). Physiologische Untersuchungen über die Beweglichkeit der Pflanzen und der Tiere. [1824.] Uebersetzt und hrsg. von Alexander Nathansohn. Mit 29 Textfiguren. *Leipzig: W. Engelmann*, 1906. 148 p. 12°. (Ostwald's Klassiker der exakten Wissenschaften. No. 154.)

Forel (August). Hygiene of nerves and mind in health and disease. Authorized translation from the second German edition, by Herbert Austin Aikins. *New York: G. P. Putnam's Sons*, 1907. 2 p.l., iii–x, 1 l., 343 p. 8°. (The science series.)

Francé (R. H.) Der heutige Stand der Darwin'schen Fragen...Zweite...Auflage von: Die Weiterentwicklung des Darwinismus. *Leipzig: Theod. Thomas*, 1907. vi, 1 l., 168 p., 4 port. illus. 8°.

Gaut (Alfred). Seaside planting of trees and shrubs. Illustrated...by Frank Sutcliffe. *London: The "Country Life," Ltd.*, 1907. xvi, 101 (1) p., 18 pl. 8°. (The "Country Life" Library.)

Hawes (Alfred T.) Talks to first year nurses. *Boston: Whitcomb & Barrows*, 1907. v, 191 p. 8°.

Hollick (Arthur). The cretaceous flora of southern New York and New England. *Washington: Govt. Ptg. Off.*, 1906. 219, ii p., 40 pl. sq. 4°. (U. S. Geolog. Survey. Monographs. 50.)

Jeanselme (E.) Le béribéri. *Paris: Masson & Cie.* [1907.] 188 p., 1 l. 12°. (Encyclopédie scientifique des aide-mémoire. Section du biologiste.)

Kidd (Walter). The sense of touch in mammals and birds, with special reference to the papillary ridges. *London: A. & C. Black*, 1907. viii, 176 p. illus. 8°.

Lafont (F.) L'apiculture, (avec une carte et 64 figures.) *Paris: Masson & Cie.* [1907.] 166 p., 1 l. 12°. (Encyclopédie scientifique des aide-mémoire. Section du biologiste.)

Lafont (E.) La lutte contre les insectes et autres ennemis de l'agriculture. *Paris: Masson et Cie.* [1907.] 174 p. 1 l. 12°. (Encyclopédie scientifique des aide-mémoire. Section de biologiste.)

Le Dantec (Felix). The nature and origin of life in the light of new knowledge. [Translated from the French by Stoddard Dewey.] An introductory preface by Robert K. Duncan. *New York: A. S. Barnes & Co.* [1906.] xvi, 250 p. 8°. (The New Knowledge series.)

Lock (Robert Heath). Recent progress in the study of variation, heredity, and evolution. *London: J. Murray*, 1906. xv, 299 p., 4 pl., 4 port. 8°.

McCook (Henry Christopher). Nature's craftsmen. Popular studies of ants and other insects. *New York: Harper & Brothers*, 1907. xi (1), 316 (1) p., 1 port. illus. 8°.

Mueller (Robert). Sexualbiologie. Vergleichend-entwickelungsgeschichtliche Studien über das Geschlechtsleben des Menschen und der höheren Tiere. *Berlin: L. Marcus*, 1907. xx, 393 (1) p. 8°.

Pfungst (Oskar). Das Pferd des Herrn von Osten (Der kluge Hans). Ein Beitrag zur experimentellen Tier und- Menschen Psychologie. Mit einer Einleitung von . . C. Stumpf. *Leipzig: J. A. Barth*, 1907. 2 p. l., (1) 8–193 p., 1 pl. illus. 8°.

Rabe (Alexander). Aerztliche Wirtschaftskunde, mit besonderer Rücksicht auf Buchführung Gebührenwesen und soziale Gesetzgebung. *Leipzig: W. Klinkhart*, 1907. xiv, 361, (1) p. 8°.

Rubner (Max). Lehrbuch der Hygiene. Systematische Darstellung der Hygiene und ihrer wichtigsten Untersuchunges–Methoden. Zum Gebrauche für Studierende der Medizin [etc.] Mit 295 Abbildungen. *Leipzig: F. Deuticke*, 1907. xii, 1029 p. 8. ed. 4°.

Schweininger (Ernst). Der Arzt. *Frankfurt am Main: Rütten & Loening* [1906]. 3 p. l., 9–141 (1) p. 12°. (Die Gesellschaft. . .Hrsg. von Martin Ruber. Bd. 7.)

Sedgwick (Mabel Cabot), *and* R. Cameron. The garden month by month. Describing the appearance, color, dates of bloom and cultivation of all desirable, hardy plants for the formal or wild garden, with additional lists of aquatics, vines, etc. *New York: F. A. Stokes Co.* [cop. 1907] xvii, 516 p., 1 chart. illus. 8°.

Sherrington (Charles Scott). The integrative action of the nervous system. *New York: C. Scribner's Sons*, 1906. xvi, 411 p. ill. 8°. (Yale University.—Mrs. Hepsa Ely Silliman Memorial Lectures.)

Smith (J. Lorrain). Catalogue of the Pathological Museum of the University of Manchester. *Manchester: The University Press*, 1906. 629 l. 4°. (Victoria University, Manchester, Eng. Publications. no. 15.)

Stevens (Nettie Maria). Studies in Spermatogenesis. Pt. 2. *Washington*, 1906. 8°. (Carnegie Inst. of Washington. Pub. no. 36.)

Stratton-Porter (Gene). What I have done with birds. Character studies of native American birds. *Indianapolis: The Bobbs-Merrill Co.* [1907.] 8 p.l., 257 (1) p., 3 pl. illus. 8°.

Tigerstedt (Robert). A text-book of human physiology, translated from the third German edition and edited by John R. Murlin. . .with an introduction to the English edition by professor Graham Lusk. *New York: D. Appleton & Co.*, 1906. xxxi, 751 p. illus. 8°.

Tower (William Lawrence). An investigation of evolution in Chrysomelid beetles of the genus Leptinotarsa. *Washington: Carnegie Institution*, 1906. x, 320 p., 1 l., 7 maps, 23 pl. 8°. (Carnegie Institution of Washington, Publications no. 48.)

Vries (Hugo de). Plant-breeding. Comments on the experiments of Nilsson and Burbank. *Chicago: The Open Court Publishing Co.*, 1907. 1 p.l., v-xiii, 1 l., 360 p. illus. 8°.

Walsh (James J[oseph]). Makers of modern medicine. *New York: Fordham Univ. Press*, 1907. viii, 2 l., 13–362 p., 1 port. 8°.

Wasmann (Erich). Die moderne Biologie und die Entwicklungstheorie. Mit . . . Abbildungen. *Freiburg i. B.: Herder*, 1906. xxix (1), 529 (1) p., 7 pl. 3. ed. 8°.

Zuccarelli (Angelo). Gli uomini primitivi delle selci e delle caverne. Con. . . illustraz[i]oni. *Napoli: F. Perelli*, 1906. 2 p.l., 125, (1) p., 1 l., 1 port. nar. 8°.

Philology.

Aymonier (Étienne), *and* Antoine Cabaton. Dictionnaire Cam-Français. *Paris: Ernest Leroux*, 1906. xlvi, 1 l.. 587 p. 4°.

Cartault (A.) A propos du Corpus Tibullianum, un siècle de philologie latine classique. *Paris: F. Alcan*, 1906. viii, 569 (1) p. 8°. (Université de Paris. Faculté des lettres. Bibliothèque. v. 23.)

Chapman (F. R. H.) English-Hindustani pocket vocabulary containing 2,200 useful words in classified lists. 2. ed. Revised and enlarged. *London: C. Lockwood & Son*, 1907. 126 p. 32°.

Duroiselle (Charles). A practical grammar of the Pāli language. *Rangoon: The British Burma Press*, 1906. 1 p.l., ii, 5 l., 346 p. 12°.

Fagarassy (O. de). Tamaciŭ ruman-englezesc. Compus pentru Rumanii aflatori astaz in Amerika. *Youngstown, O.*, 1905. 2 p.l., 7–151 p. 16°.

English title: Rumanian-American interpreter.

Fahrner (Charles). Manuel de sakalave: dialecte de la région nord-ouest de Madagascar. *Paris: R. Roger* [1906?]. 67 p. 24°.

Geddes (James), *and* Adjutor Rivard. Bibliographie du parler français au Canada. Catalogue analytique des ouvrages traitant de la langue française au Canada. *Paris: H. Champion*, 1906. 99 p. 8°. (Société du parler français au Canada. Publications.)

Henry (John P.) A handbook of modern Irish. Specially compiled for the use of students

in intermediate schools and Gaelic league classes. Part 2–3. *Dublin: M. H. Gill & Son*, 1906. 2 v. 12°.

Jacquart (Désiré). Cours de langue Flamande à l'usage des écoles. . . dans les localités wallonnes. . . Causeries et exercises pratiques. *Gand: I. Vanderpoorten* [190–]. 90 p. 8°.

Joyce (Patrick Weston). A grammar of the Irish language. *New York: Longmans, Green & Co.*, 1906. viii, 135 (1) p. 16°.

La Grasserie (Raoul de). Particularités des noms subjectifs. *Paris: E. Leroux*, 1906. 2 p.l., 221 p. (1). 12°. (Études de linguistique et de psychologie.)

Le Juge d'Orel (Vasil von). Die Stammbildung im Russischen. Bd. 1, Th. 1. *Leipzig: R. Gerhard*, 1906. 8°.

Bd. 1, Die Nominalsuffixe im Russischen; T. 1, Die stammbildenden Vokalischen und die—v-Suffixe.

Madan (Arthur Cornwallis). Wisa handbook: a short introduction to the Wisa dialect of northeast Rhodesia. *Oxford: Clarendon Press*, 1906. 136 p. 12°.

Matthias (Theodor). Sprachleben und Sprachschäden. Ein Führer durch die Schwankungen. . . des deutschen Sprachgebrauchs. *Leipzig: F. Brandstetter*, 1906. xii, 488 p. 3. ed. 8°.

Moeller (Hermann). Semitisch und Indogermanisch. Teil 1 (Konsonanten). *Kopenhagen: H. Hagerup*, 1906. 8°.

Schiff Collection.

Müller (Karl). Sächsische Volkswörter. Beiträge zur mundartlichen Volkskunde. *Dresden: W. Baensch*, 1906. 115 (1) p. 8°.

Ostwald (Hans). Rinnsteinsprache. Lexicon der Gauner- Dirnen- und Landstreichersprache. *Berlin: "Harmonie"* [1906]. 173 p., 10 l. 16°.

Penrice (John). A dictionary and glossary of the Kor-ân, with copious grammatical references and explanations of the text. *London: H. S. King & Co.*, 1873. viii, 166 p., 1 l. 4°.

Soper (J. H.) Hawaiian phrase book. Na huaolelo a me na olelo kikeke ma ka olelo Beritania a me ka olelo Hawaii. *Honolulu: The Hawaiian News Co., Ltd.* [1906] 132 p. 16°.

Tumlirz (Karl). Die Sprache der Dichtkunst. Der Lehre von den Tropen und Figuren desselben Verfassers fünfte erweiterte Auflage. *Wien: F. Tempsky*, 1907. 149 p. 8°.

Verwijs (Eelco), *and* J. VERDAM. Middelnederlandsch woordenboek. [v.] 6. *'S-Gravenhage*, 1907. 1 v. 4°.

Weigert (L.) Untersuchungen zur spanischen Syntax auf Grund der Werke des Cervantes. *Berlin: Mayer & Müller*, 1907. vii (1), 241 p. 8°.

Wyld (Henry Cecil). Historical study of the mother tongue. An introduction to philological method. *London: J. Murray*, 1906. xi, 412 p. 8°.

Zilva Wickremasinghe (Martino de). Tamil self-taught. (In Roman characters.) With English phonetic pronunciation. Containing the alphabet; classified vocabularies and conversations. *London: E. Marlborough & Co.*, 1907. 96 p. 12°. (Marlborough's Self-Taught Series. no. 20. Tamil.)

SOCIOLOGY.

Aimes (Hubert H. S.) A history of slavery in Cuba. 1511 to 1868. *New York: G. P. Putnam's Sons*, 1907. xl, 298 p. 8°.

Bail (H.) Das Rechtsverhältnis der Arbeitgeber und Arbeitnehmer in Handwerk, Industrie und Handelsgewerbe auf Grund der Reichsgesetze und ihrer Ausgestaltung dürch Wissenschaft und Rechtsprechung. *Berlin: A. W. Hayn's Erben*, 1904. xiv, 275 (1) p. 8°.

Barriéty (Clovis). * La représentation proportionnelle en Belgique... *Paris: Henri Jouve*, 1906. 145 p. 8°. (Université de Paris. Faculté de droit.)

Bibliography, p. 141–142.

Bebel (Ferdinand August). Woman under socialism. Translated from the original German of the 33d edition by Daniel de Leon. *New York: N. Y. Labor News Press*, 1904. vi, 1 l., 379 p., 1 port. 12°.

Bernstein (Eduard). Der Streik. Sein Wesen und sein Wirken. *Frankfurt am Main: Rütten & Loening* [1906]. 118 p., 2 l. 12°. (Die Gesellschaft, Bd. 4.)

Brown (William Jethro). The Austinian theory of law. Being an edition of lectures I, V, and VI of Austin's "Jurisprudence," and of Austin's "Essay on the uses of the study of jurisprudence." *London: John Murray*, 1906. xv, 383 (1) p. 8°.

Browne (Edward Frederick). Socialism or empire: a danger. [*Omaha: Kloop & Bartlett*, 1907?] 299 p. 8°.

Carus (Paul). The rise of man. A sketch of the origin of the human race. *Chicago: Open Court Pub. Co.*, 1907. 2 p.l., 97 p., 4 pl. 8°.

Clark (Victor Selden). The labour movement in Australasia. A study in social-democracy. *London: A. Constable & Co.*, 1907. xi (1), 2–327 p., 1 map. 8°.

Commander (Lydia Kingsmill). The American idea. Does the national tendency toward a small family point to race suicide or race development? *New York: A. S. Barnes & Co.*, 1907. xii, 335 p. 12°.

Bibliography, p. 333–335.

Commons (John Rogers). Proportional representation. With chapters on the initiative, the referendum and primary elections. *New York: The Macmillan Co.*, 1907. xi, 369 p. 2. ed. 12°.

Da Libra, *pseud.* Women types of to-day: the Venus, the Juno, the Minerva; or, Modern casts from ancient moulds. A study, dedicated to both sexes by Da Libra. *London: E. Stock*, 1907. x, 366 p. 8°.

Donaldson (James). Woman; her position and influence in ancient Greece and Rome, and among the early Christians. *New York: Longmans, Green & Co.*, 1907. 4 p.l., 278 p., 1 l. 12°.

Du Bois (Patterson). The culture of justice. A mode of moral education and of social reform. *New York: Dodd, Mead & Co.*, 1907. ix, 2 l., (1) 4–282 p. 16°.

Engel (Leopold). Geschichte des Illuminaten-Ordens. Ein Beitrag zur Geschichte Bayerns. Vorgeschichte, Gründung (1776), Beziehung zur Freimaurerei, Verfolgung durch die Jesuiten,

Fortentwickelung bis zur Jetztzeit. *Berlin: H. Bermühler*, 1906. x, 467 p., 1 pl. illus. 8°.

Erdmann (August). Der Schwindel der klerikalen Arbeiterpolitik. *Berlin: Buchhandlung Vorwärts*, 1906. 56 p. 8°.

Espinasse (R.) L'ouvrière de l'aiguille à Toulouse. Étude d'économie sociale. *Paris: A. Picard*, 1907. 2 p.l., (1) 8–255 p. 4°.

Ess (Henry N.) A treatise on the power of special taxation. A critical analysis of special taxes for local and public improvements, considered with reference to the constitution, State and federal, and the restrictions therein contained. *Kansas City, Mo.: Pipes-Reed Book Co.*, 1907. 2 p.l., iii–x, 1 l., 339 p. 8°.

Fauran (Joseph). Reglémentation de la durée du travail en France. Étude de législation industrielle. *Toulouse: Imprimerie Ouvrière*, 1906. 205 p. 8°.
Bibliography, p. 5-9.

Freund (Richard). Sozialdemokratie und Arbeiterschaft. *Leipzig: Duncker & Humblot*, 1906. 20 p. 8°.

George (W. L.) Engines of social progress. *London: A. & C. Black*, 1907. vii, 312 p. 12°.

Gonnard (René). L'émigration européenne au XIXe siècle. Angleterre, Allemagne, Italie, Autriche-Hongrie, Russie. *Paris: Armand Colin*, 1906. 3 p.l., 297 p., 1 l.

Groppali (Alessandro). Filosofia del diritto. *Milano: U. Hoepli*, 1906. xi, 378 p. 16°. (Manuali Hoepli. Serie scientifica. 364–365.)

Guthrie (William B.) Socialism before the French Revolution. A history. [Introduction by E. R. A. Seligman.] *New York: The Macmillan Co.*, 1907. xviii, 1 l., 339 p. 12°.

Hadley (Arthur Twining). Standards of public morality. The Kennedy lectures for 1906, in the school of philanthropy, conducted by the Charity Organization Society of the city of New York. *New York: The Macmillan Co.*, 1907. ix, 158 p. 12°. (American social progress series, No. 2.)

Hamelin (O.) Essai sur les éléments principaux de la représentation. *Paris: F. Alcan*, 1907. 3 p.l., (1) iv, 476 p. 8°.

Harms (Bernhard). Der Maximalarbeitstag. Vortrag gehalten ... in Jena. *Tübingen: H. Laupp*, 1907. 1 p.l., 51 p. 8°.
Repr.: Verhandlungen des siebzehnten Evangelischsozialen Kongresses.

Hatton (Augustus Raymond). Digest of city charters together with other statutory and constitutional provisions relating to cities. Prepared under the direction of the Chicago Charter Convention. *Chicago: Chicago Charter Convention*, 1906. xxi, 351 p. 8°.

Hecke (Wilhelm). Städtische Sozialpolitik. Wien im Vergleiche mit anderen Städten. *Wien: Klub der rechtskundigen Beamten der Stadt Wien*, 1906. 24 p. 8°. (Klub der rechtskundigen Beamten der Stadt Wien. Wissenschaftliche Sektion: Mitteilungen. Heft 1.)

Hendrick (Burton Jesse). The story of life insurance. *New York: McClure, Phillips & Co.*, 1907. 6 p.l., (1), 4–296 p., 1 pl., 7 port. 12°.

Heyck (Eduard), *and others*. Moderne Kultur. Ein Handbuch der Lebensbildung und des guten Geschmacks ... hrsg. von ... Ed. Heyck. Bd. 1. *Stuttgart: Deutsche Verlags-Anstalt* [1907]. pl. 4°.
Band 1., die Häuslichkeit.

Hirzel (Rudolf). Themis, Dike und Verwandtes. Ein Beitrag zur Geschichte der Rechtsidee bei den Griechen. *Leipzig: S. Hirzel*, 1907. vi, 445 p. 8°.

Hobson (John Atkinson). The evolution of modern capitalism. A study of machine production. *London: the W. Scott Pub. Co., Ltd.*, 1906. xv, 450 p. illus. revised ed. 12°. (The contemporary science series.)

Holt (Henry). On the civic relations. *Boston: Houghton, Mifflin & Co.*, 1907. xxxi, 668 p., 2 l. [3. ed.] 8°.

Hutchinson (Alfred L.) The limit of wealth. *New York: The Macmillan Co.*, 1907. xiii, 285 p. 12°.

Joly (Henry). La Belgique criminelle. *Paris: J. Gabalda & Cie.*, 1907. vii, 362 p., 1 l. 12°.

Le Rossignol (James Edward). Orthodox socialism. *New York: T. Y. Crowell & Co.* [1907] 3 p.l., v–vii, 147 p. 12°. (Library of economics and politics.)

Lewis (Austin). The rise of the American proletarian. *Chicago: Charles H. Kerr & Co.*, 1907. 213 p. 12°.

Loria (Achille). The economic foundations of society. Translated from the second French edition by Lindley M. Keasbey. With a new preface by the author. *London: Swan Sonnenschein and Co.*, 1907. 2 p.l., vii–xiv, 385 p. 12°.

Louis (Paul). Histoire du mouvement syndical en France, 1789–1906. *Paris: F. Alcan*, 1907. 2 p.l., iv, 282 p., 1 l. 12°.

Manson (John). The Salvation Army and the public. A religious, social, and financial study. *London: G. Routledge & Sons, Ltd.*, 1906. xix, 376 p. 12°.

Manufacture (The) of paupers, a protest and a policy, with an introduction by J. St. Loe Strachey. *London: John Murray*, 1906. vi, 140 p. 8°.

Mombert (Paul). Studien zur Bevölkerungsbewegung in Deutschland in den letzten Jahrzehnten mit besonderer Berücksichtigung der ehelichen Fruchtbarkeit. *Karlsruhe: G. Braunsche Hofbuchdruckerei und Verlag*, 1907. 5 p.l., 280 p. 8°.

Montgomery (Hugh), *and* P. G. Cambray. A dictionary of political phrases and allusions. With a short bibliography. *London: Swan Sonnenschein & Co., Ltd.*, 1906. 3 p.l., 406 p. 8°.

Moore (John Bassett). A digest of international law as embodied in diplomatic discussions, treaties and other international agreements, international awards, the decisions of municipal courts, and the writings of jurists, and especially in documents, published and unpublished, issued by presidents and secretaries of state of the United States, the opinions of the attorneys-general ... [etc.] *Washington: Govt. Ptg. Off.*, 1906. 8 v. 8°.

Morris (William). Signs of change. Seven lectures delivered on various occasions. [*London: Longmans, Green & Co.*, 1902.] 1 p.l., v, 100 p. 4°.
First printed in 1888; reprinted at the Chiswick Press with the golden type designed by Wm. Morris.

Neame (L. E.) The Asiatic danger in the colonies. *London: G. Routledge & Sons*, 1907. xv (1), 192 p. 12°.

Novakovitch (Dragolioub). *La zadrouga. (Les communautés familiares chez les Serbes.) *Paris: A. Pedone*, 1905. 2 p.l., 188 p. 4°. (Université de Paris. Faculté de droit.)

Olivier (Sydney). White capital and coloured labour. *London: Independent Labour Party*, 1906. 2 p.l., vi, 175 p. 12°. (The Socialist library. v. 4.)

Pagnier (Armand). *Du vagabondage et des vagabonds. Étude psychologique-sociologique et médico-légale. *Lyon: A. Storck et Cie.*, 1906. 2 p.l., 224 p., 2 l. 4°. (Université de Lyon. Faculté de Médecine et de Pharmacie. Année scolaire 1906–1907. No. 5.)

Papasian (Thorus). Vademecum pour les étrangers devant les tribunaux et les autorities administratives ottomans. *Leipzig: C. L. Hirschfeld*, 1906. 163 (1) p. 12°.
In French and German.

Porter (Robert Percival). The dangers of municipal ownership. *New York: The Century Co.*, 1907. xi, 1 l., 356 p. 8°.

Pranard (Charles). Étude sur les building associations américaines. *Pariz: Arthur Rousseau*, 1907. 2 p.l., 236 p. 4°.

Prentice (E. Parmalee). The federal power over carriers and corporations. *New York: The Macmillan Company*, 1907. xi, 244 p. 8°.

Rappaport (Philip). Looking forward. A treatise on the status of woman, and The origin and growth of the family and the state. *Chicago: Charles H. Kerr & Co.*, 1906. 234 p. 12°.

Reinsch (Paul Samuel). American legislatures and legislative methods. *New York: The Century Co.*, 1907. x, 337 p. 12°. (The American State series.)

Roesler (Augustin). Die Frauenfrage vom Standpunkte der Natur, der Geschichte und der Offenbarung. *Freiburg im Breisgau: Herder*, 1907. xix, 579 p. 2. ed. 8°.

Root (Elihu). The citizen's part in government. *New York: C. Scribner's Sons*, 1907. 4 p.l., 3–123 p. 8°. (Yale lectures on the responsibilities of citizenship.)

Ruegg (Alfred Henry). The laws regulating the relation of employer and workman in England. A course of six lectures delivered... 1904. *London: William Clowes and Sons*, 1905. viii, 199 p. 12°.

Russell (Charles E. B.), *and* L. M. Rigby. The making of the criminal. [With extracts from the criminal law of France, Germany, Holland, Hungary, Canada and the United States.] *London: Macmillan & Co.*, 1906. xvi, 362 p. 12°.

Scanlan (Charles M.) Rules of order for societies, conversations, public meetings, and legislative bodies. *Milwaukee, Wis.: Reic Pub. Co.* [1907.] 110 p. 24°.

Schroeder (Richard). Lehrbuch der deutschen Rechtsgeschichte. Mit einer Abbildung im Text und fünf Karten. *Leipzig: Veit & Comp.*, 1902. x, 1 l., 970 p. 5 maps. 4. ed. 8°.

Slater (Gilbert). The English peasantry and the enclosure of common fields. With an introduction by . . . the earl of Carrington. *London: A. Constable & Co.*, 1907. xxiii, 337 p., 8 maps, 1 pl. 8°. (Studies in economics and political science. No. 14.)

Smith (Goldwin). Labour and capital. A letter to a labour friend. *New York: The Macmillan Co.*, 1907. v, 38 p. 12°.

Sombart (Werner). Das Proletariat. Bilder und Studien. *Frankfurt am Main: Rütten & Loening* [1906]. xiv, 87 (1) p. 12°. (Die Gesellschaft. Sammlung sozialpsychologischer Monographien. Band 1.)

Staatslexicon. Zweite, neubearbeitete Auflage. Unter Mitwirkung von Fachmännern hrsg. im Auftrage der Görres-Gesellschaft zur Pflege der Wissenschaft im Katholischer Deutschland, von... Julius Bachem. *Freiburg im Breisgau: Herder*, 1901–04. 5 v. 8°.

Steber (J.) Das Staatsbürgerrecht im internationalen Verkehr, seine Erwerbung und sein Verlust. *Bern: Stämpfli & Co.*, 1907. 2 v. 8°.

Stier-Somlo (Fritz). Politik. *Leipzig: Quelle & Meyer*, 1907. 3 p.l., 166 p. 12°. (Wissenschaft und Bildung. v. 4.)

Stirner (Max), *pseud. of* Kaspar Schmidt. The ego and his own by Max Stirner. Translated from the German by Steven T. Byington, with an introduction by J. L. Walker. *New York: B. R. Tucker*, 1907. xx, 506 p. 12°.

Suess-Rath (Helene). Die Frau. Eine Studie aus dem Leben. *Wien: Carl Konegen*, 1906. 54 p. 8°.

Tarde (Alfred de). L'idée du juste prix. Essai de psychologie économique. *Paris: F. Alcan*, 1907. 3 p.l., 372 p. 4°.

Tenney (Edward Payson). Contrasts in social progress. *London: Longmans, Green & Co.*, 1907. xvi, 415 p. 8°.

Thiébaux (Charles). *Le féminisme et les socialistes depuis Saint-Simon jusqu'à nos jours. *Paris A. Rousseau*, 1906. 2 p.l., 179 p. 8°. (Université de Paris. Faculté de droit.)
Bibliography, p. 173–176.

Thomas (Northcote Whitridge). Kinship organisations and group marriage in Australia. *Cambridge [Eng.]: University Press*, 1906. xiii, (1), 163 p., 2 maps, 1 tab. 8°. (Cambridge archæological and ethnological series.)

Thomas (William I.) Sex and society. Studies in the social psychology of sex. *Chicago: The University of Chicago Press*, 1907. vii, 325 p. 12°.

Turot (Henry), *and* H. Bellamy. Le surpeuplement et les habitations à bon marché. *Paris: F. Alcan*, 1907. 2 p.l., 260 p. 8°. (Bibliothèque générale des sciences sociales.)

Tyler (John Mason). Growth and education. *Boston: Houghton, Mifflin & Co.*, 1907. xiv, 1 l., 294 p., 1 l. 8°.

Ular (Alexander). Die Politik: Untersuchung über die völkerpsychologischen Bedingungen gesellschaftlicher Organisation. *Frankfurt am Main: Rütten & Loening* [1906]. 99 (1) p. 12°. (Die Gesellschaft. Sammlung sozialpsychologischer Monographien. Bd. 3.)

Verfassung und Verwaltungs-organisation der Städte. Bd. 6. *Leipzig*, 1907. 1 v. 8°. (Verein für Socialpolitik. Schriften. v. 122.)

Vibert (Paul). La concurrence étrangère. La philosophie de la colonisation. Les questions brûlantes. Exemples d'hier et d'aujourd'hui. *Paris: É. Cornély et Cie.*, 1906. 2 v. 8°.

Vincent (*Sir* Charles Edward Howard). The police code and general manual of the criminal law ... Preceded by an address to the police on their duties by the Lord Brampton (Sir Henry Hawkins), and a preface by the commissioner of police of the metropolis. *London: F. Edwards*, 1907. 3 p.l., ix–xxxi, 311 p. 12°.

Wengler (A.) Handwörterbuch der Krankenversicherung. *Leipzig: Breitkopf & Härtel*, 1906. iv, 1 l., 221 p. 4°.

Wettstein (K. A.) Die Strafverschickung in deutsche Kolonien ... Auszug aus der Schrift: "Streiflichter" auf die Frage, was aus Deutsch-Südwest-Afrika gemacht werden kann. *Zürich: Zürcher & Furrer*, 1907. 2 p.l., 24 p., 1 pl. 8°.

Wilcox (Henry S.) Foibles of the bench. *Chicago: Legal Literature Co.* [1906.] 1 p.l., 5–144 p. 12°.

Wolfe (Albert Benedict). The lodging house problem in Boston. *Boston: Houghton, Mifflin & Co.*, 1906. 6 p.l., 200 p., 1 l., 15 charts, 1 map, 1 plan, 2 pl. 8°. (Harvard Univ.—Econ. Dept. Harvard econ. studies. v. 2.)

Zorn (Philip). Die deutsche Reichsverfassung. *Leipzig: Quelle & Meyer*, 1907. 2 p.l., 122 p. 12°. (Wissenschaft und Bildung. [v.] 10.)

Zucker (A[lois]). Über Kriminalität, Rückfall und Strafgrund. Nähere Ausführung eines im Oktober 1905 im böhmischen Juristenverein zu Prag gehaltenen Vortrages. *Leipzig: F. Deuticke*, 1907. vii, 55 p. 8°.

Education.

Birdseye (Clarence F.) Individual training in our colleges. *New York: The Macmillan Co.*, 1907. xxxi, 434 p. 8°.

Drew Theological Seminary. Alumni record of Drew Theological Seminary, 1867–1905. Compiled by the biographical secretary of the Alumni Association [Samuel Gardiner Ayres]. *Madison, N. J.: S. G. Ayres*, 1906. 615 p. 8°.

Fischer (A. S.) Der Kindergarten. Theoretisch-praktisches Handbuch ... Sechste ... Auflage, besorgt von Max Fischer. *Wien: A. Hölder*, 1907. iv, 179 p., 28 pl. 8°.

Fromm (Else). Lieder und Bewegungsspiele. Für das Pestalozzi-Fröbel-Haus zu Berlin gesammelt, zusammengestellt und bearbeitet von E. Fromm. *Hamburg: E. Schultze*, 1907. 215 p. 2. ed. 12°.

Gofflot (L. V.) Le théatre au collège du moyen age à nos jours, avec bibliographie et appendices. Préface par Jules Claretie. *Paris: H. Champion*, 1907. xix, 336 p., 11 pl. 8°. (Le Cercle Français de l'Université Harvard.)

Gonzáles (Joaquin V.) The National University of La Plata. Report relative to its foundation... Translated by George Wilson-Rae. *Buenos Aires: Graphic Works of the National Penitenciary*, 1906. vi, 237 p., 1 map, 11 plans, 24 pl. 12°. (Argentine Repub. Justice and Pub. Education Dept.)

Hadley (Arthur Twining). Baccalaureate addresses, and other tales on kindred themes. *New York: C. Scribner's Sons*, 1907. vi, 3–213 p. 12°.

Hall (Granville Stanley). Aspects of child life and education. By G. Stanley Hall and some of his pupils. Edited by Theodate L. Smith. *Boston: Ginn & Co.*, 1907. ix, 1 l., 326 p. 8°.

Magill (Edward Hicks). Sixty-five years in the life of a teacher. 1841–1906. *Boston: Houghton, Mifflin & Co.*, 1907. 5 p.l., 323 p., 5 pl., 12 port. 8°.

O'Connell (*Rev.* C. J.) Christian education. *New York: Benziger Bros.*, 1906. viii, 192 p. 16°.

Schuyler (William), *and* Philo Melvyn Buck. The art of composition for high schools and academies. *New York: Charles Scribner's Sons*, 1907. xix, 333 p. 12°.

Stevens Institute of Technology, Morton memorial. A history of the Stevens Institute of Technology, with biographies of the trustees, faculty, and alumni, and a record of the achievements of the Stevens family of engineers. Edited by Franklin De Ronde Furman... With an introduction by A. C. Humphreys. *Hoboken, N. J.: Stevens Institute*, 1905. 2 p.l., ix–xxii, 1 l., 641 p., 1 pl., 2 port. 4°.

Talbert (*Rev.* Horace). The sons of Allen. Together with a sketch of the rise and progress of Wilberforce University, Wilberforce, Ohio. *Xenia, O.: Aldine Press*, 1906. 3 p.l., v–xiv, 1 l., 17–286 p., 1 port. illus. 8°.

Economics.

Bouzinac (J.) Les doctrines économiques au XVIIIe siècle. Jean-François Melon, économiste. *Toulouse: Imprimerie Ouvrière*, 1906. 1 p.l., 205 p. 8°.

Brockway (Walter Belding). Electric railway accounting. The monthly report, the accounting department, and the accountant. *New York: McGraw Pub. Co.*, 1906. v, 84 p. 8°.

Brousse (Paul), *and* Albert Bassède. Les transports. Tome 1. *Paris: H. Dunod et E. Pinat*, 1907. 8°. (Bibliothèque des services publics, municipaux et départementaux.)

Callière (René). * De la conversion de la dette publique en France. *Paris: A. Rousseau*, 1906. 3 p.l., 142 p. 8°. (Université de Paris. Faculté de droit.)

Crewdson (Charles N[ewman]). Building business. *New York: D. Appleton & Co.*, 1907. 3 p.l., 291 p. 16°.

Currier (J. E. W.) A concordance of the railway act. Revised statutes of Canada, 1906, Chap. 37. Prepared and compiled by J. E. W. Currier. *Ottawa*, 1907. 158 p., 3 l., 153 p. 2. ed. 4°.

Day (Clive). A history of commerce. *New York: Longmans, Green & Co.*, 1907. xliv, 626 p., 3 maps, 1 pl. 8°. (Longman's commercial textbooks.)

Déchaud (Eduard). Le commerce algéro-marocain. *Alger: Impr. Algérienne*, 1906. 108 p. 8°. (Algeria.)

Dicksee (Lawrence Robert). Bookkeeping for accountant students. *London: Gee & Co.*, 1906. 4 p.l., vii–ix, 1 l., 285 p. 5. ed. 8°.

Dicksee (Lawrence Robert), *and* HERBERT E. BLAIN. Office organisation and management, including secretarial work. *London: I. Pitman & Sons, Ltd.*, 1906. vii, (1), 298 p., 12 diag. 8°.

Forms and precedents for the use of accountants, prepared by specialists in each department. Under the general editorship of George Lisle. v. 1–2. *Edinburgh: W. Green & Sons*, 1906. 4°.

Ganne de Beaucoudrey (André). *De l'ensemble des moyens de trésorerie et principalement de la dette flottante. *Caen: C. Nalin*, 1907. 2 p.l., (1) iv, 1 l., 216 p. 4°. (Caen. Université. Faculté de droit.)

Gibson (Thomas). The pitfalls of speculation. *New York: The Moody Corporation*, 1906. 146, 155–159 p. 12°.

Hamlin (Charles Sumner). The act to regulate commerce (as amended) and acts supplementary thereto indexed, digested, and annotated, including the Carriers' Liability Act . . . and others. *Boston: Little, Brown & Co.*, 1907. 2 p.l., 480 p. 8°.

Higinbotham (Harlow N.) The making of a merchant. *Chicago: Forbes & Co.*, 1906. 210 p. 12°.

Kaufmann (Richard von). Die Kommunalfinanzen (Grossbritannien, Frankreich, Preussen). Bd. 1. *Leipzig: C. L. Hirschfeld*, 1906. 8°. (Hand- u. Lehrbuch der Staatswissenschaften. Abt. 26.)

Bd. 1. Organisation, Aufgaben und Ausgaben der Kommunalkörperschaften.

Kirkup (Thomas). Progress and the fiscal problem. *London: A. & C. Black*, 1905. vi, 198 p. 12°.

Lauck (William Jett). The causes of the panic of 1893. *Boston: Houghton, Mifflin & Co.*, 1907. xii, 1 l., 122 p. 8°. (Hart, Schaffner & Marx. Prize economic essays. v. 2.)

Laycock (Frederick Uttley). Political economy in a nutshell. *London: Swan Sonnenschein & Co.*, 1907. xvi, 208 p., 1 diagr. 12°.

List (Friedrich). The national system of political economy. Translated by Sampson S. Lloyd. New edition with an introduction by J. Shield Nicholson, D. Sc. *New York: Longmans, Green & Co.*, 1904. xliv, 366 p. 8°.

Marcuse (Paul). Betrachtungen ueber das Notenbankwesen in den Vereinigten Staaten von Amerika. *Berlin: C. Hermann*, 1907. 2 p.l., 166 p., 1 l. 8°.

Mossé (A.) Les Transports en common à Paris. *Paris: Librairie des sciences politiques & sociales*, 1907. 2. p.l., (1) ii–iv, 415 p. 8°.

Mulhall (John Francis Joseph). Quasi-public corporation accounting and management. *Boston: Corporation Pub. Co.* [1905] 1 p.l., 198 p., 3 l. illus. 8°.

Person (Harlow Stafford). Industrial education. A system of training for men entering upon trade and commerce. *Boston: Houghton, Mifflin & Co.*, 1907. vi, 3 l., (1) 4–86 p., 1 l. 8°. (Hart, Schaffner & Marx. Prize Economic Essays. [v. 3])

Pierce (Franklin). The tariff and the trusts. *New York: The Macmillan Co.*, 1907. xi, 387 p. 8°.

Practical problems in banking and currency. Being a number of selected addresses delivered in recent years by prominent bankers, financiers and economists, edited by Walter Henry Hull. With an introduction by the Hon. C. F. Phillips of New York. *New York: The Macmillan Co.*, 1907. xxvi, 596 p. 8°.

Pratt (Edwin A.) German v. British railways. With special reference to owner's risk and traders' claims. *London: P. S. King & Son*, 1907. 4 p.l., 64 p. 8°.

Prendergast (William A.) Credit and its uses. *New York: D. Appleton & Co.*, 1906. xii, 361 p. 12 pl. 12°. (Appleton's Business Series.)

Raffalovich (Arthur). La marché financier. Angleterre, France, Allemagne, Russia. . .Questions monétaires. *Paris: F. Alcan*, 1906. viii, 889 p. 4°. (Année économique et financière, 1905–1906.)

Railway problems. Edited with an introduction by W. Z. Ripley. *Boston* [1907]. 8°. (Selections and documents in economics.)

Slater (J. A.) The world's commercial products with French, German and Spanish equivalents for the names of the commercial products. *London: Sir Isaac Pitman & Sons, Ltd.* [1907?] 163 p. 8°. (Pitman's commercial series.)

Smith (Howard Irving). Smith's financial dictionary. *New York:* [*The Author*,] 1903. 543 p. 8°.

Sonndorfer (Rudolf). Lehrbuch der internationalen Handelskunde für Handelsakademien und höhere Handelslehranstalten. *Wien: A. Hölder*, 1907. 4 p.l., iv, 277 p., 5 fac-similes. 2. ed. 8°.

Sparling (Samuel Edwin). Introduction to business organization. *New York: Macmillan Co.*, 1906. xvi, 374 p. 12°. (The citizen's library.)

Tyszka (Karl von). Handwerk und Handwerker in Bayern im 18. Jahrhundert. Eine wirtschaftsgeschichtliche Studie über die bayerische Gewerbeverfassung im 18. Jahrhundert. *München: Ernst Reinhardt*, 1907. vii, 1 l., 116 (1) p. 8°.

Wirth (Albrecht). Der Weltverker. *Frankfurt am Main: Rütten & Loening* [1906]. 3 p.l., 7–106 p., 2 l. 12°. (Die Gesellschaft. Hrsg. von Martin Buber. Bd. 6.)

Wolff (Henry W.) Co-operative banking; its principles and practice; with a chapter on co-operative mortgage-credit. *London: P. S. King & Son*, 1907. xii, 2 l., 301 p. 8°.

Wulff (Henry). Norddeutsche Bank in Hamburg, 1856–1906. [*Berlin: Eckstein*, 1906.] 39 (1) p., 3 pl. f°.

INDUSTRIES AND INDUSTRIAL ARTS.

Adams (Charles Laban). Mechanical drawing: technique and working methods. For technical students. *Boston: G. H. Ellis Co.*, 1906. 3 p.l., 204 p., 23 pl. illus. 2. ed. 4°.

Aftalion (Albert). Le développement de la fabrique et le travail à domicile dans les industries de l'habillement. *Paris: L. Larose & L. Tenin*, 1906. 2 p.l., 313 p. 12°.

Andés (Louis Edgar). Kokosbutter und andere Kunstspeisefette. *Wien: A. Hartleben*, 1907. vii, 240 p. illus. sq. 12°. (Hartleben's chemisch-technische Bibliothek. Bd. 301.)

"Artifex" and "Opifex." The causes of decay in a British industry. *London: Longmans, Green & Co.*, 1907. xvi, 295 (1) p., 1 tab.

Barton (John K.) Internal combustion engines. An elementary treatise on gas, gasoline, and oil engines for the instruction of midshipmen at the U. S. Naval Academy. *Annapolis, Md.: United States Naval Institute*, 1907. 135 p. 8°.

Biscau (Wilhelm). Die Starkstromtechnik. Bd. 2. *Leipzig*, 1907. 4°.

Buch (Max). Automobil- Steuerungs- Bremsund Regulierungs-Vorrichtungen. *Leipzig: R. C. Schmidt*, 1907. 96 p. illus. 16°. (Küster's Autotechnische Bibliothek. Bd. 11.)

Casson (Herbert N.) The romance of steel. The story of a thousand millionaires. *New York: A. S. Barnes & Co.*, 1907. xiv, 1 l., 376 p., 3 pl., 63 port. 8°.

Clapperton (George). Practical paper-making. A manual for paper-makers...to which are appended useful tables...etc. *London: Crosby, Lockwood and Son*, 1907. x, 226 p., 8 pl. 2. ed. 12°.

Claus (Adolphe), *and* PAUL POINSARD. Le compteur d'eau. Étude pratique. *Paris: C. Béranger*, 1906. 3 p.l., 140 p., 1 l., 8 diag. illus. 8°.

Cyclopedia of American agriculture. A popular survey of agricultural conditions, practices and ideals in the United States and Canada. Edited by L. H. Bailey. With...illustrations. In four vols. v. 1. *New York: The Macmillan Co.*, 1907. 4°.

Defebaugh (James Elliott). History of the lumber industry in America. v. 1. *Chicago: The American Lumberman*, 1906. 2. ed. 8°.

Donaldson (William). Modern hot water heating, steam and gas fitting. *Chicago: F. J. Drake & Co.*, 1906. 244 p. illus. 12°.

Felgentraeger (W.) Theorie, Konstruktion und Gebrauch der feineren Hebelwage. *Leipzig: B. G. Teubner*, 1907. vi, 310 p. illus. 8°.

Fidler (Henry). Notes on construction in mild steel. Arranged for the use of junior draughtsmen. *London: Longmans, Green & Co.*, 1907. xiii, 448 p. illus. 8°. (Longman's civil engineering series.)

Fletcher-Berry (Riley M.) Fruit recipes. A manual of the food values of fruits, and nine hundred different ways of using them. *New York: Doubleday, Page & Co.*, 1907. xviii, 2 l., 3–341 p., 16 pl. 8°.

Freytag (E.) Die Laufbahn des Ingenieurs. *Hannover: M. Jänecke*, 1907. 209 p. 8°.

Genty de la Touloubre (H.) Les pannes en automobile. Leurs méfaits. Leurs remèdes. *Paris: Berger-Levrault et Cie.*, 1907. 72 p. 3. ed. illus. 8°.

Gerard (Eric), *and* OMER DE BAST. Exercises et projets d'électrotechnique. Tome 1. *Paris: Gauthier-Villars*, 1907. illus. 4°.

Tome 1. Applications de la théorie de l'électricité et magnétisme, 1907.

Gerhardi (C. H. W.) Electricity meters: their construction and management. A practical manual for central station engineers. *New York: The D. Van Nostrand Company* [1906]. xiv, 337 p., 1 l. 8°.

Green (Olive). One thousand simple soups. *New York: G. P. Putnam's Sons*, 1907. v, 376 p. 16°. (Putnam's Homemaker Series.)

Gregg (John Robert). Gregg speed practice. *Chicago: The Gregg Pub. Co.*, 1907. 1 p.l., vii, 258 p. 12°.

Grueber (Oscar von). Die Superphosphatfabrikation. *Halle a. S.: W. Knapp*, 1907. 4 p.l., 83 (1) p. 8°. (Monographien über chemisch-technische Fabrikationsmethoden. Bd. 5.)

Gutmann (Julius). Über den amerikanischen "Stahltrust." Mit Berücksichtigung des deutschen Stahlwerksverbands. *Essen: G. D. Baedeker*, 1906. viii, 160 p. 8°.

Halden (G. M.) Setting out of tube railways. *London: E. & F. N. Spon, Ltd.*, 1907. 4 p.l., 68 p., 5 plans, 4 pl. 4°.

Hall (Bolton). Three acres and liberty. By B. Hall...assisted by R. F. Powell...With an introduction by George T. Powell. *New York: The Macmillan Co.*, 1907. xxii, 2 l., 3–435 (1) p., 15 pl., 1 port., 1 tab. 8°.

Hasluck (Paul Nooncree). Window blinds, their making and fixing, with numerous engravings and diagrams. Edited by Paul N. Hasluck. *London: Cassell & Co., Ltd.*, 1907. 160 p. nar. 12°. ("Work" Handbooks. A series of practical manuals.")

High-Tension Power Transmission. A series of papers and discussions presented at the meetings of the American Institute of Electrical Engineers, under the auspices of the Committee on High Tension Transmission. *New York: McGraw Pub. Co.*, 1905. 4 p.l., 466 p. 8°.

Hildebrandt (A.) Die Luftschiffahrt nach ihrer geschichtlichen und gegenwärtigen Entwicklung...Mit einem Titelbild...Textabbildungen und einer Tafel. *München: R. Oldenbourg*, 1907. v, 1 l., 426 p., 2 pl. 8°.

Hiscox (Gardner Dexter). The twentieth century book of recipes, formulas and processes; containing nearly ten thousand...recipes...for use in the laboratory...the office...and in the home. Edited by G. D. Hiscox. Illustrated. *London: Crosby, Lockwood & Son*, 1907. 787 p. 8°.

Hobart (Henry Metcalf), *and* A. G. ELLIS. Armature construction. With...illustrations. *London: Whittaker & Co.*, 1907. ix, 348 p., 11 dia., 1 tab. 8°.

Homans (James Edward). Self-propelled vehicles. A practical treatise on the theory, construction, operation, care and management of all forms of automobiles...Illustrations and diagrams. *New York: T. Audel & Co.*, 1907. vii, 598 p., 4 pl. 5. ed. 8°.

Howard (Earl Dean). The cause and extent of the recent industrial progress of Germany. *Boston: Houghton, Mifflin & Co.*, 1907. xiii, 147 (1) p., 1 map. 8°. (Hart, Schaffner & Marx. Prize economic essays. v. 1.)

Hubbard (Winfred D.), *and* W. KIERSTED. Water-works management and maintenance. *New York: J. Wiley & Sons*, 1907. vi, 429 p., 2 diag. ill. 1. ed. 8°.

Hutchinson (Rollin W.) Long-distance electric power transmission. Being a treatise on the hydro-electric generation of energy; its transformation, transmission, and distribution. *New York: D. Van Nostrand Co.*, 1907. v, 345 p. illus. 12°.

Imhoff (K.) Taschenbuch für Kanalisations-Ingenieure. (Zeichnungen von O. Bernards.) *München: R. Oldenbourg*, 1907. 20 p., 8 tab. 16°.

Katz (Elsa). Vegetarisches Koch-Buch für Gesunde und Kranke, nach den Prinzipien von D. Katz. Hrsg. von Elsa Katz. Zweite ... Auflage von Meta Katz. *Stuttgart: Glaser & Sulz*, 1907. 1 p.l., xv, 173 p. 8°.

Kerl (Bruno). Handbuch der gesammten Thonwaarenindustrie. Dritte Auflage bearbeitet von Eduard Cramer und Hermann Hecht. *Braunschweig: F. Vieweg und Sohn*, 1907. xliii, 1588 p., 1 tab. illus. 8°. (Handb. d. chem. Technologie. Bd. 3, Gr. 2.)

Knox (C. Edwin). Electric light wiring. *New York: McGraw Pub. Co.*, 1907. xi, 219 p., 3 plans. ill. 8°.

Laughlin (Clara Elizabeth). The complete dressmaker. With simple directions for home millinery. *New York: D. Appleton & Co.*, 1907. xiv, 342 p. 12°.

Leixner (Otmar von). Der Holzbau in seiner Entwicklung und in seinen charakteristischen Typen. *Wien: Lehmann & Wentzel*, 1907. vi, 1 l., 168 p., 8 pl. illus. 4°.

Loescher (Fritz). Die Bildnisphotographie. Ein Wegweiser für Fachmänner und Liebhaber. *Berlin: G. Schmidt*, 1907. xii, 220 p. illus. 2. ed. 8°.

Luther (G.) Maschinenfabrik und Mühlenbauanstalt...Abteilung: Moderne Transmissionen. *Braunschweig* [1907?]. xx, 329 p. illus. 12°.

McWilliam (Andrew), *and* Percy LONGMUIR. General foundry practice. *London: Charles Griffin & Co., Ltd.*, 1907. vii, 383 p. illus. 8°.

Martiny (Benno). Wörterbuch der Milchwirtschaft aller Länder. Eine Sammlung auf Molkereiwesen und damit verwandte Viehzucht bezüglicher Ausdrücke. *Leipzig: M. Heinsius Nachfolger*, 1907. xi, 142 p. 2. ed. 8°.

Michalke (Karl). Stray currents from electric railways by K. Michalke. Translated and edited by Otis Allen Kenyon. *New York: McGraw Publishing Co.*, 1906. viii, 101 p. 8°.

Motor-car mechanism and management. In three parts...part 1. *London: C. Griffin & Co.*, 1907. 12°.

Part 1. The petrol car.

Murray (James Erskine). A handbook of wireless telegraphy, its theory and practice. For the use of electrical engineers, students and operators. *London: C. Lockwood & Son*, 1907. xvi, 322 p., 1 diag. illus. 8°.

Nicolas (E.) Vingt leçons pratiques sur les courants alternatifs. *Paris: H. Paulin & Cie.*, 1907. 2 p.l., 210 p. ill. 8°.

Okakura (Kakasu). The book of tea. By Okakura-Kakuzo. *New York: Fox, Duffield & Co.*, 1906. ix, 160 p. 12°.

Oswald (Ella). German cookery for the American home. *New York: The Baker and Taylor Co.*, 1907. xvi, 236 p., 1 l. 8°.

Paraf (Jean). Commutatrices et transformateurs électriques tournants. *Paris: Masson & Cie.* [1907.] 194 p., 1 l. illus. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'ingénieur.)

Pfitzner (W.) Der Automobilmotor und seine Konstruktion. Hrsg ... von R. Urtel. Mit... Textfiguren. *Berlin: M. Krayn*, 1907. 179 p. 8°. (Automobiltechnische Bibliothek. Bd. 1.)

Phillips (A. Lyman). A bachelor's cupboard, containing crumbs culled from the cupboards of the great unwedded. Collected by A. Lyman Phillips. Drawings by Will: Jenkins. *Boston: J. W. Luce & Co.*, 1906. 4 p.l., 209 (1) p. 12°.

Pierard (Emile). Cours d'électricité & de magnétisme. Avec une préface de James Vandrunen. Tome I. *Bruxelles: Ramlot*, 1907. 8°.

Pilgrim (Heinrich). Theoretische Berechnung der Betoneisen-Konstruktionen mit ausführlichen Beispielen. *Wiesbaden: C. W. Kreidel*, 1906. 46 p. illus. f°.

Poole (Cecil P.) Designs for small dynamos and motors. *New York: McGraw Pub. Co.*, 1906. 3 p.l., 186 p. illus. 8°.

Quantz (L.) Wasserkraftmaschinen. Ein Leitfaden zur Einführung in Bau und Berechnung moderner Wasserkraft-Maschinen und- Anlagen. Mit...Figuren. *Berlin: J. Springer*, 1907. viii, 102 p. 8°.

Radford (William A.) Practical carpentry. Being a complete, up to date explanation of modern carpentry and an encyclopedia on the modern methods used in the erection of buildings...Edited under the supervision of W. A. Radford. Assisted by Alfred W. Woods and William Reuther. *New York: Industrial Publication Co.* [cop. 1907.] 2 v. 8°.

Rigaud (F.) Préparation mécanique des minerals. Résumé pratique. *Paris: Masson & Cie.* [1907] 171 (1) p. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'Ingénieur.)

Rodet (J.) Les lampes à incandescence électriques. *Paris: Gauthier - Villars*, 1907. xi, 200 p. 8°.

Roloff (P.) Statistische Nachweisungen über ausgeführte Wasserbauten des preussischen Staates. Bearbeitet im Ministerium der öffentlichen Arbeiten. *Berlin: W. Ernst & Sohn*, 1907. 3 p.l., 136 p. illus. f°.

Repr.: Zeitschrift für Bauwesen, Jahrgang 1900, 1901, and 1904.

Romeiser (Wilhelm). Automobilkarosserien. Tl. 1. Mit 90 Abbildungen im Text... Atlas mit 13 Tafeln. *Leipzig: R. C. Schmidt & Co.*, 1907. 150 p. and atlas of 13 pl. 16°. (Küster Autotechnische Bibliothek. Bd. 5.)

Schnyder (M.) Armierter Beton. Lehrbuch zur Berechnung und Konstruktion bearbeitet von M. Schnyder. *Burgdorf: C. Langlois & Cie.*, 1907. vii, 152 p. 16°.

Schreber (Karl Edmund). Die Kraftmaschinen. Eine Einführung in die allgemeine Maschinenkunde... Mit...Abbildungen im Text. *Leipzig: B. G. Teubner*, 1907. xii, 347 (1) p., 1 pl. 2. ed. 8°.

Schuberth (H.) Hand- und Hilfsbuch für den praktischen Metallarbeiter. Lehrbuch zum Selbstunterricht in der gesamten Metallverarbeitung für den Praktiker. Nebst den zugehörigen Hilfswissenschaften. *Wien: A. Hartleben* [1907?]. viii, 975 (1) p., 30 pl. 2. ed. 4°.

Sewell (Tyson). The construction of dynamos (alternating and direct current). A text-book for students...and electricians-in-charge. *London: C. Lockwood & Son*, 1907. xi, 316 p. illus. 12°.

Smith (Samuel Robert). The black trail of anthracite. *Kingston, Pa.: S. R. Smith*, 1907. 2 p.l., 7–114 p., 5 pl. sq. 12°.

Strong (Charles Jay). The art of show card writing. A modern treatise on show card writing, designed as an educator in all branches of the art. *Detroit: Detroit School of Lettering*, 1907. 2 p.l., 7–209 p. illus. 8°.

Terhaerst (Rudolf). Denkschrift aus Anlass der Eröffnung des neuen Gaswerks in Nürnberg. *Nürnberg: Hrsg. vom Stadmagistrat*, 1906. 2 p.l., vi, iv, 1 l., (1) 6–162 p., 31 diag., 3 maps, 4 plans. illus. sq. 4°.

Thorpe (William Henry). The anatomy of bridgework. *London: E. & F. N. Spon, Ltd.*, 1906. xi, 190 p. illus. 12°.

Weber (Gustav). Die Berechnung und Konstruktion der Turbinen und Schützenzüge mit besonderer Berücksichtigung der Francis-Turbine. [Text and atlas.] *Leipzig: M. Schäfer*, 1907. 2 v. 4° and f°.

Whys and wherefores of the automobile. A simple explanation of the elements of the gasoline motor car, prepared for the non-technical reader. *Cleveland: The Automobile Institute* [1907?]. 66 l. illus. 12°.

Wiley (Harvey Washington). Foods and their adulteration. Origin, manufacture, and composition of food products; description of common adulterations, food standards, and national food laws and regulations. *Philadelphia: P. Blakiston's Son & Co.*, 1907. xii, 625 p., 11 pl. 8°.

Woodworth (Joseph Vincent). Punches, dies and tools for manufacturing in presses. A cyclopædia of die-making...sheet metal working, and making of special tools.... etc. *New York: The Norman W. Henley Pubg. Co.*, 1907. 483 p. 8°.

Military and Naval Art and Science.

Auquier (Philippe). Pierre Puget, décorateur naval et mariniste...Étude historique sur les travaux du maitre à l'Arsenal de Toulon. Catalogue détaillé des dessins de décoration et vues de mer. 36 planches hors texte. *Paris: D. A. Longuet* [1907]. xxv, 30 p., 36 pl. f°.

"Barfleur," *pseud.* Naval policy. A plea for the study of war. *Edinburgh: W. Blackwood & Sons*, 1907. xiii, 323 (1) p., 2 dia. 8°.

Bridge (*Sir* Cyprian). The art of naval warfare: introductory observations. *London: Smith, Elder & Co.*, 1907. xii, 255 p. 12°

Barthélemy ( ), *and* Georges Varenne. Manuel d'hygiène navale à l'usage des capitaines, des officiers et des élèves de la marine marchande. *Paris: A. Challamel*, 1907. 2 p.l., 371 p. 8°.

Callwell (Charles Edward). Small wars, their principles and practice. *London: Harrison & Sons*, 1906. 559 (1) p., 10 plans. 3. ed. 8°. (Gr. Br. War Office.)

"Civis," *pseud.* The state of the navy in 1907. A plea for inquiry. *London: Smith, Elder & Co.*, 1907. x, 1 l., 173 p. 12°.

Cumberland. The log of H. M. S. "Cumberland," Second Cruiser Squadron. 1904–1906. By W. D. Curtis. *London: The Westminster Press*, 1907. 4 p.l., 119 (1) p., 1 l., 10 pl., 2 port. 12°. (The Log series.)

Diana. The log of H. M. S. "Diana," Mediterranean station. 1904–1906. By H. Furneaux. *London: The Westminster Press*, 1907. 4 p.l., 111 p., 4 pl. 12°. (The Log series.)

Duering (von). Gesetz über die Pensionierung der Offiziere, einschliesslich Sanitätsoffiziere des Reichsheeres, der Kaiserlichen Marine und der K. Schutztruppen. (Offizierpensionsgesetz) O. P. G. vom 31 Mai 1906. Mit Genehmigung des Kgl. Preussischen Kriegsministeriums unter Benutzung amtlicher Quellen. *Berlin: E. S. Mittler & Son*, 1906. x, 141 p., 1 l., 3 tab. 8°.

Ford (Douglas). Admiral Vernon and the navy. A memoir and vindication, being an account of the admiral's career at sea and in parliament, with side-lights on the political conduct of Sir Robert Walpole and his colleagues. *London: T. Fisher Unwin*, 1907. 3 p.l., ix–xx, 322 p., 1 l., 5 pl., 10 ports. 8°.

Gardner (James Anthony). Recollections of James Anthony Gardner, Commander R.N. 1775–1814. Edited by Sir R. Vesey Hamilton...Admiral and John Knox Laughton. *London: The Navy Records Society*, 1906. xx, 2 l., 3–287, 4 p. 8°. (Navy Records Society. Publications. v. 31.)

Gopcevic (Spiridion). Welche Lehren hat unsere Marine aus dem letzten Seekriege zu ziehen? *Wien: L. W. Seidel & Sohn*, 1906. 2 p. l., (1) 6–29 p. 8°.

Hamilton (*Sir* Ian). A staff officer's scrapbook...v. 2. *London*, 1907. 8°.

Hirschberg (Johannes). Ein deutscher Seeoffizier...Hrsg. von seiner Witwe. Abt. B. *Gernrode, a. H.*, 1907. 8°.

Lehugeur (Paul). Histoire de l'armée française. *Paris: Hachette et Cie.*, 1906. vi, 7–219 p., 1 l. 7. ed. 8°. (Bibliothèque des écoles et des familles.)

Martin (Rudolph). Berlin–Bagdad. Das deutsche Weltreich im Zeitalter der Luftschiffahrt, 1910–1931. *Stuttgart: Deutsche Verlags-Anstalt*, 1907. 160 p. 8°.

Mentz (Walter). Schiffskessel. Ein Handbuch für Konstruktion und Berechnung. Mit...Textfiguren. *München: R. Oldenbourg*, 1907. viii, 306 p., 5 tab. 8°.

Moltke (Helmuth Karl Bernhard von). Moltkes Generalstabsreisen aus den Jahren 1858–1869. Hrsg. vom grossen Generalstabe, kriegsgeschichtliche Ab-

teilung 1. *Berlin: E. S. Mittler & Son*, 1906. 4 p.l., 401 (1) p., 22 maps. 8°. (In his: Militärische Werke. v. 23.)

Morris (Charles). Heroes of the navy in America. *Philadelphia: J. B. Lippincott Co.*, 1907. 3 p.l., 9–320 p., 11 pl., 1 port. 12°.

Neubaur (Paul). Der Norddeutsche Lloyd. 50 Jahre der Entwicklung, 1857–1907. Bd. 1–2 and Illustrationsband. *Leipzig: F. W. Grunow*, 1907. 3 v. 8° and f°.

Payne-Gallway (*Sir* Ralph), *bart.* A summary of the history, construction, and effects in warfare of the projectile-throwing engines of the ancients, with a treatise on the... Turkish and other oriental bows of mediæval and later times. *London: Longmans, Green and Co.*, 1907. 4 p.l., 5–44, 26 p. illus. f°.

Pelorus. The log of H. M. S. "Pelorus," North American, West Indies, and Cape Stations. 1904–1906. By E. A. Ricketts. *London: The Westminster Press*, 1907. 4 p.l., 110 p., 2 pl. 12°. (The Log series.)

Pepys (Samuel). Pepys Memoires of the Royal Navy, 1679–1688. Edited by J. R. Tanner. [*Oxford:*] *Clarendon Press*, 1906. xviii, 1 l., 131 (1) p., 6 l., 1 tab. 12°. (Tudor and Stuart library.)

Spears (John Randolph). A short history of the American navy. Published under the auspices of the Navy League of the United States. *New York: Charles Scribner's Sons*, 1907. 4 p.l., v–vi, 134 p., 6 pl. 8°.

Steinmetz (S. Rudolf). Die Philosophie des Krieges. *Leipzig: Johann Ambrosius Barth*, 1907. xvi, 352 p. 8°. (Natur- und kulturphilosophische Bibliothek. Bd. 6.)

Vallerey (J.) Traité élémentaire de la compensation des compas. *Paris: A. Challamel*, 1907. 75 p., 2 maps. ill. 8°. (Bibliothèque des capitaines de commerce, et des candidats aux examens de la marine marchande.)

Philosophy.

Aksakov (Aleksandr Nikolaevich). Animisme et spiritisme. Essai d'un examen critique des phénomènes médiumniques... Avec portrait de l'auteur et dix planches. Traduit de l'édition russe par Berthold Sandow. *Paris: Librairie des Sciences Psychiques*, 1906. xxxii, 635 p., 10 pl. 4. ed. 8°.

Bax (Ernest Belfort). The roots of reality, being suggestions for a philosophical reconstruction. *London: E. Grant Richards*, 1907. xi, 331 p. 8°.

Beare (John I.) Greek theories of elementary cognition from Alcmæon to Aristotle. *Oxford: The Clarendon Press*, 1906. vii, 354 p. 8°.

Beetz (K. O.) Einfuehrung in die moderne Psychologie. Erste Abteilung: Geschichtliche Grundlage der Psychologie. *Osterwieck, Harz: A. W. Zickfeldt*, 1907. xv, 324 p. 2. ed. 8°. (Der Bücherschatz des Lehrers. Bd. 2.)

Bratley (George H.) The power of gems and charms. *London: Gay and Bird*, 1907. xi, 198 p., 1 l. 16°. (The Cozy corner library. No. 2.)

Calkins (Mary Whiton). The persistent problems of philosophy. An introduction to metaphysics through the study of modern systems. *New York: The Macmillan Co.*, 1907. xxii, 575 p. 8°.

Chirbula (Terbal). Seelenkämpfe eines denkenden Menschen. *Strassburg i. E.: J. Singer*, 1906. 60 p. 12°.

Close (Charles W.) Phrenopathy; or, Rational mind cure. *Bangor, Me.: The Author*, 1906. 64 p., 1 port. 4. ed. 8°. (The Minion series. No. 1.)

Davidson (William L.) The stoic creed. *Edinburgh: T. & T. Clark*, 1907. xxiii, 274 p. 8°. (Religion in literature and life.)

Eucken (Rudolf). Grundlinien einer neuen Lebensanschauung. *Leipzig: Von Veit & Co.*, 1907. viii, 31 p. 8°.

Evellin (F.) La raison pure et les antinomies. Essai critique sur la philosophie kantienne. *Paris: F. Alcan*, 1907. 2 p.l., iv., 316 p. 8°. (Bibliothèque de philosophie contemporaine.)

Fitch (M. H.) The physical basis of mind and morals. *Chicago: C. H. Kerr & Co.*, 1906. 266 p. 12°.

Freud (Sigmund). Zur Psychopathologie des Alltagsleben. (Über Vergessen, Versprechen, Vergreifen, Aberglaube und Irrtum.) *Berlin: S. Karger*, 1907. 2 p.l., 3–132 p. 2. ed. 8°.

Hémon (Camille). La philosophie de M. Sully Prudhomme. Préface de M. Sully Prudhomme. *Paris: Félix Alcan*, 1907. 2 p.l., xix, 464 p. 8°.

Hobhouse (Leonard Trelawney). Morals in evolution. A study in comparative ethics. *London: Chapman & Hall, Ltd.*, 1906. 2 v. 8°.

Jacoby (Günther). Herders und Kants Ästhetik. *Leipzig: Durr*, 1907. ix, 348 p. 8°.

Jalal al-Din Rumi. Wisdom of the East. The Persian mystics. Jalálu'd-dín Rúmí. Ed. by F. Hadland Davis. *London: J. Murray*, 1907. 105 p. 16°. (The Wisdom of the East Series.)

James (William). Pragmatism; a new name for some old ways of thinking. Popular lectures on philosophy by William James. *New York: Longmans, Green & Co.*, 1907. 4 p., vii–xii p., 1 l., 308 p., 1 l. 8°.

Judd (Charles Hubbard). Laboratory manual of psychology. *New York: C. Scribner's Sons*, 1907. xii, 127 p. 8°. (In his: Series of textbooks designed to introduce the student to the methods and principles of scientific psychology. Vol. 2.)

Judd (Charles Hubbard). Psychology; general introduction. *New York: C. Scribner's Sons*, 1907. xii, 389 p. 8°. (In his: Series of textbooks designed to introduce the student to the methods and principles of scientific psychology. Vol. 1.)

Keynes (John Neville). Studies and exercises in formal logic. Including a generalisation of logical processes in their application to complex inferences. *London: Macmillan & Co.*, 1906. xxiv, 548 p. 8°.

Kostyleff (Nicolas). Les substituts de l'âme dans la psychologie moderne. *Paris: F. Alcan*, 1906. 2 p.l., xx, 228 p. 8°.

Kremer (O.K.) Neinia Denkversuche. *Wien: E. Beyer*, 1907. 2 p.l., 418 p., 1 l. 8°.

Levy (*Rev.* S.) Original virtue and other short studies. *London: Longmans, Green & Co.*, 1907. ix, 177 p. 8°.

Marcus (Hugo). Die Philosophie des Monopluralismus. Grundzüge einer analytischen Naturphilosophie und eines A B C der Begriffe im Versuch. *Berlin: H. Ehbock*, 1907. vii, 163 (1) p. 8°.

Max (Léon). La physique de l'infini, Essai de rationalisation de la science expérimentale. Infirmation de la théorie newtonienne la terre ne tourne pas, etc. *Paris: J. Rousset*, 1907. 2 p.l., 300 p. 12°.

Religion.

Allen (Willoughby C.) A critical and exegetical commentary on the Gospel according to S. Matthew. *New York: C. Scribner's Sons*, 1907. 5 p.l., iii–iv, (1) ii–xcvi, 338 p. 8°. (The international critical commentary.)

Bailey (Cyril). The religion of ancient Rome. *London: A. Constable & Co., Ltd.*, 1907. 4 p.l., 113 (1) p. 12°. (Religions ancient and modern.)

Bible: *German.* D. Martin Luther's Deutsche Bibel. 1522–1546. [Edited by Paul Pietsch and Ernst Thiele.] Bd. 1. [*Weimar: H. Böhlavs Nachf.*, 1906.] fac-sim. 4°. (Dr. Martin Luther's Werke.)

—— *Old Testament. Apocrypha: Enoch.* Le livre d'Hénoch traduit sur le texte éthiopien par François Martin et par L. Delaporte, J. Françon, R. Legris, J. Pressoir. *Paris: Letouzey et Ané*, 1906. cli (1), 319 p. 8°. (Documents pour l'étude de la Bible ... Les Apocryphes de l'Ancien Testament.)

Schiff Collection.

—— *New Testament: Chinese.* Kiù-tsú Iâ-sou kāi sin-ieh siàn-kiaⁿ tshuân-tsu. Ék tsò tiê-chiu péh-ūe. *Siàⁿ-Thâu: Loi-pài-tng Hong-soh Hun in-huat*, 1905. 2 p.l., 550 p. 8°. (British and Foreign Bible Society.)

—— —— *English: Romans.* The Epistle to the Romans. *New York: A. C. Armstrong & Son*, 1905. vi, 1 l., 130 p., 1 l. 24°. (Literary illustrations of the Bible.)

—— —— *Greek: Revelation.* The Apocalypse of St. John. The Greek text with introduction, notes and indices by Henry Barclay Swete, D.D. *London: Macmillan & Co., Ltd.*, 1906. ccxv (1), 335 p., 1 facsim., 2 maps, 3 pl. 8°.

Bittinger (Lucy Forney). German religious life in colonial times. *Philadelphia: J. B. Lippincott Co.*, 1906. 145 p. 12°.

Boyd (Bonaparte Napoleon). Search light on the seventh wonder. X-ray and search light on the Bible with natural science. Discoveries of the twentieth century. *Greenville, N. C.*, 1905. 260 p., 1 port. 8°.

Briggs (Charles August, *and* E. G.) A critical and exegetical commentary on the book of Psalms. *New York: C. Scribner's Sons*, 1906. 2 v. 8°. (International critical commentary on the Holy Scriptures.)

Bruston (Édouard). Le Prophète Jérémie et son temps. Histoire critique de la littérature prophétique des Hébreux depuis la mort d'Isaïe jusqu'à la Captivité. *Paris: Fischbacher*, 1906. 297 p. 8°.

Schiff Collection.

Buddha. Die Reden Gotamo Buddho's aus der längeren Sammlung Dīghanikāyo des Pāli-Kanons übersetzt von Karl Eugen Neumann. Bd. 1. *München: R. Piper & Co.*, 1907. 4°.

Cornill (Karl). Introduction to the canonical books of the Old Testament. Translated by G. H. Box. *London: Williams and Norgate*, 1907. xii, 556 p. 8°. (Theological Translation Library. vol. 23.)

Cougny (Jean de). *La papauté en droit international public. *Paris: Imprimerie Bonvalot-Jouve*, 1906. 94 p., 1 l. 8°. (Université de Paris. Faculté de droit.)

Bibliography. p. 93–94.

Duensing (Hugo). Christlich-palästinisch-aramäische Texte und Fragmente nebst einer Abhandlung über den Wert der palästinischen Septuaginta. Mit einem Wörterverzeichnis und 4 Schrifttafeln. *Göttingen: Vandenhoeck und Ruprecht*, 1906. x, 160 p., 2 pl. sq. 8°.

Schiff Collection.

Ecker (Jakob). Psalterium juxta Hebræos Hieronymi in seinem Verhältnis zu Masora, Septuaginta, Vulgata, mit Berücksichtigung der übrigen alten Versionen untersucht. *Trier: Paulinus Druckerei*, 1906. 1 p.l., 108 p. 4°.

Repr.: Festschrift zum Bischofs-Jubilæum, 1906.
Schiff Collection.

Edwards (Morgan). Materials towards a history of the American Baptists. In 12 vols. v. 1–2. *Philadelphia: J. Crukshank & I. Collins*, 1770–1792. 16°.

vol. 1, Baptists in Pennsylvania; v. 2, Baptists in Jersey.

Eutychius, *patriarch of Alexandria.* Eutychii patriarchæ Alexandrini annales. Edidit L. Cheikho. Pars 1. *Beryti: E. Typographeo Catholico*, 1906. 8°. (Corpus scriptorum Christianorum Orientalium ... Scriptores Arabici. Textus. Ser. iii, T. 6.)

Farnell (Lewis Richard). The cults of the Greek states. v. 3–4. *Oxford: The Clarendon Press*, 1907. 8°.

Galton (Arthur). Church and state in France, 1300–1907. *London: E. Arnold*, 1907. xxiv, 290 p. 8°.

Bibliography, p. xvii–xxi.

Geffcken (Johannes). Zwei griechische Apologeten. *Leipzig: B. G. Teubner*, 1907. xliii, 1 l., (1) 4–333 (1) p. 8°. (Sammlung wissenschaftlicher Kommentare zu griechischen und römischen Schriftstellern.)

Gregg (David). Between the Testaments; or, Interbiblical history. *New York: Funk & Wagnalls Co.*, 1907. v, (3), 9–124 p. 12°.

Schiff Collection.

Griswold (Stephen M.) Sixty years with Plymouth Church. *New York: F. H. Revell & Co.* [1907] 191 p., 3 pl., 4 port. 12°.

Gift of the author.

Holtzmann (Oskar). Christus. *Leipzig: Quelle & Meyer*, 1907. 2 p.l., 148 p. 12°. (Wissenschaft und Bildung. v. 3.)

Hoppenot (J.) La messe dans l'histoire et dans l'art. Dans l'âme des saints et dans notre vie.—Approuvé par Sa Grandeur, Monseigneur De Pélacot. *Lille: Société Saint Augustin, Desclée, De Brouwer et Cie.* [1906] xii, 385 (1) p., 1 l., 25 pl. f°.

Hughes (Thomas). History of the Society of Jesus in North America, colonial and federal. Text. *London: Longmans, Green & Co.*, 1907. v. 1. 4°.
Vol. 1. From the first colonization till 1645.

Isho'-Yahbh of Kûphlânâ. The book of consolations; or, The pastoral epistles of Mâr Îshô'-Yahbh of Kûphlânâ in Adiabene. The Syriac text edited with an English translation by Philip Scott-Moncrieff...Part 1. *London: Luzac & Co.*, 1904. 8°. (Luzac's Semitic Text and Translation Series. v. 16.)
Schiff Collection.

Lietzmann (Hans). Apollinaris von Laodicea und seine Schule. Texte und Untersuchungen. v. 1. *Tübingen: J. C. B. Mohr*, 1904. 8°.

Lodge (*Sir* Oliver). The substance of faith allied with science. A catechism for parents and teachers. *New York: Harper & Bros.*, 1907. viii, 144 p. 12°.

Mathews (Shailer). The church and the changing order. *New York: The Macmillan Co.*, 1907. viii, 1 l., 255 p. 12°.

Methodist Episcopal Church. The doctrines and discipline of the Methodist Episcopal Church, South, 1906. Edited by Gross Alexander. *Nashville, Tenn.: M. E. Church, South*, 1906. viii, 441 p. 16°.

Orientalischen (Die) Religionen von E. Lehmann, A. Erman, C. Bezold, H. Oldenberg, I. Goldziher, A. Gruenwedel, J. J. M. De Groot, K. Florenz, H. Haas. *Berlin: B. G. Teubner*, 1906. vii, 267 (1) p. 4°. (Die Kultur der Gegenwart. Tl. 1. Ab. 3[1].)

Pfleiderer (Otto). Die Entwicklung des Christentums. *München: J. F. Lehmann*, 1907. viii, 1 l., 270 p. 8°.

Pfleiderer (Otto). Primitive christianity. Its writings and teachings in their historical connections. Translated by W. Montgomery, and edited by Rev. W. D. Morrison. v. 1. *London: Williams & Norgate*, 1906. 8°. (Theological Translation Library. v. 22.)

Radlinski (Ignacy). Apokryfy judaistyczno-chrzescijanskie. Ksiega wstepna do literatury apokryficznej w Polsce. *Lwow: Polskie Tow. Naktadowe*, 1905. 2 p.l., 219 p., 2 l. 8°.
Schiff Collection.

Schlaf (Johannes). Christus und Sophie. *Wien: Akademischer Verlag*, 1906. 2 p.l., xvii, 302 p. 8°.

Schmidlin (Joseph). Geschichte der deutschen Nationalkirche in Rom S. Maria dell' Anima. *Freiburg im Breisgau: Herdersche Verlagshandlung*, 1906. xviii, 815 p., 1 port. illus. 8°.

Schmidt (Hans). Jona. Eine Untersuchung zur vergleichenden Religionsgeschichte. Mit 39 Abbildungen im Text. *Göttingen: Vandenhoeck u. Ruprecht*, 1907. viii, 194 p. 8°. (Forschungen zur Religion und Literatur des Alten und Neuen Testaments...Heft 9.)
Schiff Collection.

Shearer (John Bunyan). The sermon on the mount: a study. *Richmond, Va.: Presbyterian Committee of Pub.* [1906] 146 p. 8°.

PRINCIPAL DONORS IN AUGUST.

	VOLS.	PMS.
Acheson, E. F.		2
Ashton-under-Lyne, (Eng.) Mayor	1	
Baden, Grosshzg. Statis. Landesamt	22	2
Bellamy, J. D.		1
Bielefeld, (Ger.) Handelskammer	1	1
Bologna, (Italy) Cassa di Risparmio	1	4
Bologna, (Italy) Il Sindaco	9	5
Burton-upon-Trent, (Eng.) Public Library	1	
Callahan, D. S.		2
Canada, King's Printer	4	
Carnegie Institution of Washington	2	3
Chemnitz, (Ger.) Handelskammer	2	
Cheney, Sheldon, 5 bookplates		1
Chile, Oficina Central de Estadistica	1	
Deutsche Orient-Gesellschaft		1
Draper, Mrs. Henry		3
Düsseldorf, (Ger.) Der Oberbürgermeister	1	
Duisburg, (Ger.) Der Magistrat	1	3
France, Min. of Pub. Instruction	2	
Glasgow Univ. Library	1	
Grand Lodge, I. O. O. F., Georgia	1	
Grand Lodge, I. O. O. F., South Dakota		1
Grand Lodge, I. O. O. F., Wisconsin	1	
Grand Lodge, A. F. & A. M., Iowa	1	
Grand Lodge, F. & A. M., Michigan	1	
Grimsby, (Eng.) Borough Treas.	1	
Haarlem, (Neth.) De Burgemeester	1	
Haarlem, (Neth.) Stads Bibliotheek		1
Harvard College, Astron. Obser.	3	2
Hertfordshire County Council		5
India-Portugueza, Gov. Geral	1	
Japan, Cen. Meteorol. Obser.		1
Koenigsberg, Der Magistrat.	2	
Laconia, (N. H.) City Clerk.	3	
Lancaster (Mass.) Town Clerk	4	2
Lincoln House (Boston)		6
Litchfield Historical Society.	1	
Little Rock, City Clerk	1	2
Loomis Sanatorium		6
Los Angeles, City Clerk	3	5
Louisiana, Sec. of State	1	7
Minnesota, Sec. of State.	7	5
Modena, (Italy) Il Sindaco		11
Montserrat, (W. I.) Com'r		4
Nantes, (France) Chamber of Commerce	1	
Netherlands, Bureau Cent. de Statistique	1	
New South Wales, Gov't Pr.	4	
New York City, B'd of Rapid Transit Com'rs	1	1
New York State, Adj't Gen.	2	
New York State, Educ. Dept.	9	3
New York State, Supt. of Pub. Works	2	
New York Univ., Registrar.	1	10
Odessa, Gorodskaya Pub. Bib.		1
Pan-Hellenic Frat. Lib.	1	1
Poland Spring Art Gallery	1	4
P. E. Island, Leg. Lib.	2	
Rice, W. A.		1
Roubaix, (France) Mayor	1	
St. Louis, Bd. of Educ.	3	
Smith, Frank		1
Sociedad Geog. de Lima.	1	
Surrey County Council	2	1
Sweden, Bureau Cen. de Statistique		4
Terquem, Emil		1
U. S., Surgeon Gen. Office	75	65
Univ. of Penn.	2	6
Wesleyan Univ.	1	
West Va., B'd of Agric.	5	1
Westmorland County Council	1	1
Willets, Howard, 1 bookplate		
Wolverhampton, (Eng.) Bor. Accountant	1	

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

LIB
FEB 1 1909
UNIVERSITY OF TORONTO

OCTOBER 1907

VOLUME XI · NUMBER 10

Report for September 459–462
Report of the Director, 1906-1907 463–468
Report of the British Board of Trade and Plantations, December, 1703 469–497
Principal Accessions in September 498–503
Principal Donors in September 504

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
Alexander Maitland.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
23d Street, 228 East. Between 2d and 3d Avenues. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. OCTOBER, 1907. No. 10.

REPORT FOR SEPTEMBER.

REFERENCE DEPARTMENT.

During the month of September there were received at the Library, by purchase, 904 volumes and 284 pamphlets; by gift, 428 volumes and 1,946 pamphlets; and by exchange, 173 volumes and 2,534 pamphlets, making a total of 1,505 volumes and 4,764 pamphlets.

There were catalogued 2,705 volumes and 1,357 pamphlets; the number of cards written was 4,741, and of slips for the copying machine 2,374; from the latter were received 8,256 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	3,722	10,249	2,210	12,459	16,181
No. of readers	1,850	10,249	2,210	12,459	14,309
No. of readers, desk applicants	1,062	10,243	2,029	12,272	13,334
No. of volumes consulted by desk applicants	6,234	44,051	5,444	49,495	55,729
Daily average of readers	74	410	88	498	572
No. of visitors to Print Exhibition, etc.	1,905				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's "Master Builder," Benson's "Beside Still Waters," Roberts' "Haunters of the Silences"; (adult fiction): Chambers' "The Younger Set," De Morgan's "Alice-for-Short," Davis' "Scarlet Car"; (juvenile fiction): Wiggin's "New Chronicles of Rebecca," Barbour's "Half Back," Pyle's "Merry Adventures of Robin Hood."

CIRCULATION STATISTICS FOR SEPTEMBER.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	6,814	1,299	159	1,789	1,789	417
East Broadway, 197	12,385	1,136	412			175
Rivington Street, 61	12,120	2,346	308	13,647	14,922	1,068
Le Roy Street, 66	5,380	1,393	101	1,172	2,426	39
Bond Street, 49	6,290	691	124	2,345	3,159	143
8th Street. 135 Second Avenue	12,982	964	199	2,239	2,569	78
10th Street, 331 East	12,342	1,784	253	3,181	3,386	415
13th Street, 251 West	6,602	1,191	114	1,493	2,228	47
23d Street, 228 East	1,289	442	563	351	691	4,329
23d Street, 209 West	9,160	3,956	189			61
34th Street, 215 East	5,092	1,643	90			265
40th Street, 501 West	2,323		15			34
42d Street, 226 West	7,832	631	257			206
50th Street, 123 East	3,957	480	65	237	265	71
51st Street, 463 West	2,716	112	61	205	368	96
58th Street, 121 East	9,542	543	328	2,037	2,037	227
67th Street, 328 East	8,229	897	126	521	1,295	196
69th Street. 190 Amsterdam Avenue	7,787	745	143	2,234	2,909	106
Travelling Libraries	30,373					3,003
77th Street. 1465 Avenue A	9,446	179	176	852	4,050	328
79th Street, 222 East	14,300	1,728	171	2,217	3,727	500
81st Street. 444 Amsterdam Avenue	11,012	1,658	207	1,100	1,305	110
Blind Library	879		6			103
96th Street, 112 East	15,031	1,131	216	1,442	2,048	213
100th Street, 206 West	13,279	2,579	259	1,681	2,064	275
110th Street, 174 East	14,147	5,187	236	1,197	1,504	591
123d Street, 32 West	6,928	250	254	1,082	1,238	120
125th Street, 224 East	8,005	966	146	636	788	107
135th Street, 103 West	13,751	1,144	301	1,241	1,778	217
145th Street, 503 West	12,579	2,222	328	1,678	3,010	76
156th Street. 922 St. Nicholas Avenue	7,279	2,347	179			292
BRONX.						
140th Street and Alexander Avenue	14,276	651	242	1,520	3,290	132
176th Street and Washington Avenue	14,964	385	297	915	1,640	67
Kingsbridge Avenue, 3041	1,868	1,090	20			32
RICHMOND.						
St. George	6,315	1,240	382	721	1,022	55
Port Richmond	4,493	299	58	429	807	74
Stapleton	5,770	1,431	213	365	526	32
Tottenville	2,243	868	41			60
TOTALS	339,780	45,608	7,239	48,527	66,841	14,360

Gifts worthy of mention were received from the following during the month: Hon. William A. Courtenay, his "Genesis of South Carolina, 1562–1670," privately printed at Columbia, 1907; from the Danish Rigsdagens Bureau, 8 volumes of parliamentary documents; from Mrs. Henry Draper, for the Cortlandt Palmer Memorial Fund, 3 volumes and 3 portfolios, including 2 volumes of N. P. Litchatschoff's "Materialien zur Geschichte der Russischen Ikonen," St. Petersburg, 1906, "Œuvre de Lucas de Leyde, Reproduit et publié par Amand-Durand, Texte par George Duplessis," Paris, 1883, etc.; from Duffield & Co., a copy of "Plays of our forefathers and some of the traditions upon which they were founded," by Charles Mills Gayley, New York, 1907; from the London School of Tropical Medicine, 1 volume and 10 pamphlets, relating to the school, etc.; from Dr. S. Weir Mitchell, two privately printed volumes, "Old family letters," copied from the originals for Alexander Biddle, Series A," mainly letters from John Adams to Benjamin Rush, covering the period 1755–1813, and "Old family letters relating to the Yellow Fever, Series B," being letters written by Dr. Benjamin Rush, in Philadelphia, to his wife at Trenton, between August and November, 1793, printed at Philadelphia in 1892; from J. Pierpont Morgan, a copy of the "Catalogue of the Gutmann Collection of plate, now the property of J. Pierpont Morgan, Esq., by E. Alfred Jones," London, 1907; from the Netherlands Colonial Office, 5 volumes, relating mainly to the Dutch East Indies, including the second supplement to the Catalogue of the Colonial Office Library; from the New Jersey Adjutant General's Office, 14 volumes and 38 pamphlets, reports of the office; from the Mayor of Padua, 10 volumes, mnnicipal documents; from the Province of Quebec, 2 volumes and 22 pamphlets, Journals, Returns, etc., in French and English; from Elihu Root, 18 volumes, a continuation of his gift relating to the United States Insular Possessions; and from the Province of Sassari, Italy, 7 volumes, documents of the Provincial Council.

The exhibitions of prints, etc., at the Lenox and Astor branches remained unchanged, the former including the C. S. Smith Japanese prints, contemporary German work, the French bookplates, The Century Company's print printing material, and the two richly illustrated folio volumes devoted to the mezzotints of John Raphael Smith and the Ward brothers; the Astor display consisted of plates from Williams' "Art of Writing" and of specimens of recent American engravings.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: Chatham Square, Kate Greenaway, Mother Goose; Rivington Street, Ships, Back to school; Hudson Park, Book covers, Edvard Grieg, The Mediterranean; Tompkins Square, Birthdays of famous men and women born in September, Our navy, September; Epiphany, Pioneer days, Football stories, Sports and games; Muhlenberg, Interesting events, Picture books; George Bruce, Books about the navy; Sacred Heart, Louisa M. Alcott, 67th Street, Hiawatha, North American Indians, School again; Riverside, Augustus Saint Gaudens, Sea tales, Theatre; Webster, Western life; Yorkville, Knightly tales; 96th Street, Out of doors in September, Tales of the West; Bloomingdale, Pirate stories, List of picture books, Shells, Minerals, Animal stories; Aguilar, Children going to school, James Fenimore Cooper; 125th Street, Stories about the sea, Labor, Bed-time stories; 135th Street, Nursery

rhymes and jingles; HAMILTON GRANGE, Busy little housekeepers, After vacation; MOTT HAVEN, Stories to read again; TREMONT, Books girls like, Books of games, Indians of North America, Alfred the Great, Erie Canal, Explorations of Lewis and Clarke, Knights of the Round Table, Miles Standish, Sir Walter Raleigh; STAPLETON, Richard Mansfield; TOTTENVILLE, North American geography, American government.

In addition there were bulletins on new books at six branches, on college and school stories at six branches, on Labor Day at two branches, and on Henry W. Longfellow at two branches.

A new building for the EPIPHANY branch was opened at 228 East 23d Street, on Friday, September 20, at 4 P.M. Alderman Reginald S. Doull received the building on behalf of the City and as representative of the Mayor, and Cleveland H. Dodge, Esq., made the address on behalf of the Trustees of the Library. Rev. Dr. Joseph H. McMahon and Mr. Arthur E. Bostwick also spoke. Music was furnished by the choir boys of Epiphany Church.

This building is the twenty-fourth of those erected from the Carnegie fund to be occupied as a branch of the New York Public Library. The Epiphany branch was opened as part of the Cathedral Free Circulating Library at 223 East 22d Street, on October 1, 1901, removed to 230 East 22d Street in April, 1902, received as a branch of the New York Public Library January 1, 1905. It has now on its shelves 11,000 volumes and its annual circulation is about 30,000.

REPORT OF THE DIRECTOR

For the Year Ending June 30, 1907.

July 1, 1907.

Hon. John Bigelow,
President, New York Public Library.

Sir:

I have the honor to submit the following report of the work of this Library for the fiscal year ending June 30th, 1907.

Owing to the resolution of the Board adopted February 13, 1907, by which the fiscal year of the corporation was changed from the period July 1-June 30, to January1-December 31, this report summarizes in brief terms the work of the Library staff for the period in question, leaving until January 1, 1908, the full report for the calendar year 1907 and for the eighteen months since July 1, 1906.

Philip Schuyler, a trustee of the New York Public Library since its formation, died suddenly on November 29th, 1906, as the result of a railway accident. His place on the board was filled by Edward W. Sheldon, chosen February 13, 1907.

General Summary.

In the reference branches readers and visitors numbered 217,715; 182-678 desk applicants consulted 886,161 volumes. 35,865 volumes and 59,428 pamphlets were received; 25,720 volumes and 5,500 pamphlets were accessioned, making the total number thus recorded 710,232 volumes and 270,961 pamphlets, a total of 981,193 pieces in the Reference Department, which, with the 593,881 volumes in the Circulation Department, gives a total of 1,575,074 pieces in the whole system. The Print Department now contains 63,282 prints. There were catalogued 36,303 volumes and 25,489 pamphlets; the number of cards written was 92,130, of slips for the copying machine 26,634. Periodicals currently received number 6,229, readers of periodicals in the Astor Branch 32,522, and these readers called for 243,425 single numbers or pieces.

In the Circulation Department the number of branches has increased from 35 to 37, volumes in the Department from 565,482 to 593,881, circulation for home use from 4,752,628 to 5,090,555; 5 Carnegie branches have been opened (a total of 23); 1 is ready for opening, 7 have buildings under

way; no new sites have been secured, which leaves the number of sites available for, or occupied by, Carnegie branches, the same as a year ago, namely, 31.

New Buildings.

Work on the new building has not made as satisfactory progress as might be desired. Roofing is completed, temporary windows installed, exterior marble work is completed, interior marble work is nearly finished, and work on contract no. 3 for the erection of the main structure almost at an end.

On contract no. 4, for the stack work, the housesmiths' strike was settled in July. All of the structural work for the main stack has been riveted and painted two coats; all stack partitions, ends, bottom shelves and shelf supports have been erected and painted one coat after erection, except the top story, which was left unpainted to allow the ceiling to be plastered.

On contract no. 5, for heating and ventilating apparatus, boilers and settings have been completed and connections made between boilers and piping, the latter practically completed. Ventilating ducts in cellar and walls are installed and work on those in the roofs is about half done. Mains and risers for the vacuum cleaning system are in place, and air piping for the thermostat system has been done as far as the condition of the building permits.

Contract no. 6, for plumbing, was advertised on February 11 and six bids were received on March 21. The bid of M. J. O'Brien for $93,000 was lowest and the contract was awarded to him April 5. Work began on May 6, and by this time the floor drains have been installed in the engine room and the drain and supply piping in the south court.

The contract (no. 7) for the interior finish was advertised March 11, and seven bids were received on April 11. The contract was awarded to the John Peirce Company on April 19, its bid being $3,133,000. Work will be begun at the building early in July.

Contract no. 8, for electric equipment, was advertised June 10, and ten bids were received on June 27, the bid of the Lord Electric Company, $173,891, being the lowest. The contract will be awarded to that company at the meeting of the Board of Estimate and Apportionment on July 8.

Reference Department.

To give relief to overcrowded shelves and overladen floors, we have packed away in boxes stored in the Astor basement 40,663 volumes and pamphlets. The material thus stored away will not be available for consul-

tation until we move into the new building. It comprises, in general, serial public documents issued before 1900, portions of little-used sections in Orientalia and Slavonica, bibliography and library economy, theological periodicals, missions, and various other theological groups. To provide for those portions of the Lenox collections that may be transferred to Astor if Lenox is closed in December we have gained 3,528 square feet of floor space by erecting platforms in Annexes A and B.

In the Astor and Lenox branches, readers and visitors numbered 217,715; 182,678 desk applicants consulted 886,161 volumes (corresponding figures for 1905/6 being 173,223 desk applicants and 778,652 volumes).

At the two reference branches the total number of desk applicants filling out slips for books was 182,678, and these readers called for 886,161 volumes, an average of 4.8 volumes per reader.

At Lenox the number of desk applicants was 13,587 and of volumes consulted 79,876, an average of 5.8 volumes per reader. Volumes consulted at Lenox formed 9 per cent. of the whole number used at both branches.

At Astor the number of desk applicants was 169,091 and of volumes consulted 806,285, an average of 4.7 volumes per reader. Volumes consulted at Astor formed 91 per cent. of the whole number used at both branches.

Astor day service numbered 148,765 desk applicants and 757,516 volumes, an average of 5 volumes per reader. Volumes consulted at Astor during the day formed 85 per cent. of those used at both branches and 94 per cent. of the total used at Astor.

Astor night service numbered 20,326 desk applicants and 48,769 volumes, an average of 2.4 volumes per reader. Volumes consulted at Astor during the evening formed 5.5 per cent. of the total used at both branches and 6 per cent. of Astor total service.

35,865 volumes and 59,428 pamphlets were received; 25,720 volumes and 5,500 pamphlets were accessioned, making the total number thus recorded 710,232 volumes and 270,961 pamphlets, a total of 981,193 pieces in the department, which, with the 593,881 volumes in the Circulation Department, gives a total of 1,575,074 pieces in the whole Library. The Print Department now contains 63,282 prints; as in former years little change has been made in the music, map, or manuscript departments.

There were catalogued 36,303 volumes and 25,489 pamphlets; the number of cards written was 92,130, of slips for the copying machine 26,634. Periodicals currently received amount to 6,229; readers of periodicals at the Astor Branch numbered 32,522 and these readers called for 243,425 single numbers or pieces.

Circulation Department.

The Circulation Department now includes 37 branch libraries—an increase of two during the year. Five Carnegie buildings have been opened, three in Manhattan (Webster, 58th Street, and Hamilton Grange) and two in Richmond (St. George and Stapleton).

The number of volumes in the department is now 593,881. The circulation for the year is 5,090,555 volumes, an increase of 337,927 over last year. (Circulation in 1905/6 was 4,752,628, an increase of 1,061,128 over the year preceding.) Of this 337,927 increase 2,269 is the circulation of two libraries just established and the remainder represents the difference between an increase at 17 branches and a decrease at 19 others.

Five branch reading rooms are now open on Sunday afternoons and one (Rivington Street) remains open on week-days until 10 p. m.

The Staff of the Department now includes 403 persons, an increase of 41 over last year, due largely to the establishment of new libraries and removal of old ones to larger buildings, but partly to the creation of additional positions.

Examinations to determine eligibility for promotion were held on May 14, 15 and 16, 1907, with the result that two persons were qualified for Class A, 21 for Class B, 16 for Class C, and 32 for Class D. Of the latter 24 were from the Training Class.

The Cataloguing force of the Department has classified 7,107 books during the year, written or typewritten 43,364 catalogue cards, made 88,228 entries in the union catalogue and shelf-list, and handled 59,353 Library of Congress cards, besides preparing the Monthly List and Annual List for publication, compiling special lists, and other detail work. Besides this 89,423 catalogue cards were written at branches.

Work with the schools has been extended to 390 educational institutions. To these 4,154 visits have been made, at about monthly intervals, by assistants assigned for the purpose. Special library bulletin boards are maintained in 219 schools and 8,426 notices have been posted. 73,366 copies of the Monthly List of Additions have been sent to teachers and 51 addresses explaining library facilities have been made at schools and conferences. Special study-cards issued to teachers during the year numbered 2,644. Teachers endorsed the applications of 22,509 children and 94,322 school children made use of the reference books in circulation branches. Books purchased at teachers' requests numbered 815 and those bought in connection with college and university courses, 488.

The children's rooms have been under the charge of an experienced supervisor since September 1st, 1906. Large numbers of books have been discarded and replaced, an instruction-class of assistants-in-charge of the rooms has been formed, and much has been done to systematize the work of administration. Since November 1st the supervisor has passed upon 75,000 book order slips, recommended 35,000 purchases, read 500 juvenile books and prepared a list of 2,500 standard titles. In the same period 42,113 children have been registered at the branches and 200 "story hours" have been held.

During the year the number of books for the blind has been increased from 2,204 to 2,768 and the number of pieces of music from 670 to 994. Notable additions have been made in Braille type, both American and foreign.

The work done through travelling libraries shows an increase in circulation of 270,416 volumes or about 57 per cent. The number of stations served has been 675, including 251 schools, 55 play-centres and playgrounds, 37 fire-engine houses, 13 Sunday Schools, 20 social settlements, 31 clubs of various kinds, and 97 home libraries.

The books requested through inter-branch loans numbered 27,494, of which 20,656 were secured and sent, involving 71,511 separate calls by messenger.

Three additional exhibitions have been added to the travelling series prepared by the Print Department and several to those in the wall cases.

Evening lectures under the auspices of the Board of Education have been given in the Tompkins Square, Tremont, 135th Street, and Hudson Park Branches, and also in the reading room of the 96th Street Branch after the destruction by fire of the neighboring building of Public School 86 on March 4, 1907. These embraced three series of five to ten lectures each, one in the Autumn, one in the Winter, and one in the Spring, at each library. Use of assembly rooms in a number of branches was also granted to several associations for educational purposes, such as the Tuberculosis Exhibition and its accompanying lectures given at Tompkins Square, 67th Street, 125th Street and Hudson Park.

The results of the inventories show a net loss from the shelves of 3,859 volumes during the year, as against 7,904 last year, a decrease of 4,045, or over one-half.

The meetings of the staff have been held as usual at various branches through the year and have furnished opportunity for profitable discussion of library problems and other topics of interest.

The department heads and other members of the staff have given faithful and earnest service and I take pleasure in calling attention to their loyal zeal and interest.

Very respectfully,

J. S. BILLINGS,
Director.

REPORT OF THE BRITISH BOARD OF TRADE AND PLANTATIONS, DECEMBER, 1703.

Printed from a contemporary transcript made probably for the Earl of Bute in the middle eighteenth century; the Report dated 18 November, 1702, was printed from the same volume in the BULLETIN for May, 1906; besides the two reports for 1702 and 1703 the volume contains a report dated 30 November, 1704, of about the same length as that for 1703 and a report dated November, 1707, of over twice this length.

TO THE RIGHT HONOURABLE THE LORDS SPIRITUAL AND TEMPORAL IN PARLIAMENT ASSEMBLED.

May it please your Lopps.

In obedience to your Lordships order of the 22, of november Last, requiering us to Lay before your Lordships ane account of the State of the Trade of this Kingdom, We humbly represent that by a like order of the 7th November 1702, We did Lay before your Lordships such several particulars in reference to Trade and Hér majesties plantations (as they have a necessary dependance on each other) as had been for some time past, or were then, most especially under our consideration, the substance whereof as it may relate to what has been transacted by us, is as follows.

[Then follows a summary—1500 words—of the 1702 Report, which was printed in full in the BULLETIN for May 1906.]

Since which time we have Continued our care for the Encouragement of Trade and for the Safety and good government of the plantations in reference thereunto, as far as in us Lyes by corresponding constantly with the Several Governors, and in representing to Her maty what might be wanting for their preservation and defence.

Upon occasion of Letters received from Colonel Dudley Governor of the Massachusets province in New England, We have represented that in pursuance of Her majesties Commission and Instructions Constituting him Captain General of all the forces, fforts, and places of Strength within the Colony of Rhode Island, a Charter Government in New England and of the Narraganset Country adjoining. He repaired thither attended with members of the Councill of the Massachusetts-Bay and in presence of the Governor and seven of the Council of Rhode Island, He published Her Majesties said Commission as likewise his Commission under the Seal of the admiralty Constituting him vice admiral of the said Colonies, and of the ports and places thereunto belonging; Whereupon the Inhabitants showed little respect to Her majesties authority.

That when he acquainted them that he would proceed to review the militia and reform the defects of it, and in order thereunto Desired the names of their officers He met with an obstinate refusall and declaration that they would rather chuse to Loose all at once than by pieces as they Expressed themselves.

That he nevertheless Gave out warrands to the major of the cheif Town to muster the two Companies of militia there, intending to have administred the oaths to the officers But the major alleged that he was oblidged to observe the directions of the Governor and Council or of the General assembly of that Colony, and the said Governor and his Council Insisted that by their Charter the power of the militia was one Branch of the priviledges granted to them as a Body politic and intermixt with the power of Civil Government not regaurding what Colonel Dudley observed to them, Viz, That the militia is by act of Parliament vested in the Crown, and that it is Her majesties undoubted prerogative to dispose thereof as Her maty shall think fitt.

That the said people used their outmost Endeavours with the nighbouring Country of the Narragansets to oppose Her majesties Commission, and bring every thing there into Confusion.

That Rhode Island Consists of more than 2000 men fit to bear arms; That there are in it several persons of very good Estates, ability and Loyalty; But that the Quakers and their friends haveing got the sole power into their hands, would not admit such persons into any places of trust nor would those persons (as things now stand) take any part of the Government into their hands, expecting that the present missrule may cease, And that they shall be brought under Her majesties immediat Government, which the greater part of the people very much desyre.

Upon all which we Did Humbly represent to Her Majesty that this Colony being of importance to the Trade and navigation of England by its situation, ought to be secured by the best wayes and means against the attempt of an Enemy, to which they Lye Exposed. And we do not conceive how the same can be otherwise effectually done than by the Legislative power of this Kingdom, as we have intimated for other proprieties, without prejudice to the freehold and property of any particular person, Which we humbly offer to your Lordships consideration.

In the mean tyme we observe that in July 1694. The then Attorney and Solicitor General did report in the lyke case to His late Majesty That upon an Extraordinary Exigency happening Th[r]ough the default or neglect of a proprietor, or of those appointed by him, or though his or their Inability to protect or defend the province under their Government, and the inhabitants thereof in times of War, or immenent danger, His majesty might constitute a Governor of Such province or Colony as well for the Civil, as military part of the Government. And for the protection and preservation thereof and of his Subjects there, Which we take to be a case not differing from the present state of Majestys Colony of Rhode Island, And we did

therfor most humbly Submit it, whether it might not be for Her majestys Service and the Security of this Plantation dureing the War, That a Governor should be accordingly appointed by Her majesty, In which case we have humbly Represented that Her majestys Governor of the Massachusets-Bay Being in the nighbourhood of Rhode Island might very properly Execute that Commission, as well for the Civil as military power

And whereas we humbly Instanced in our Last Report to your Lordships that we had prevailed with the proprietors of East and west new Jersey to Surrender their pretended Right to Government into Her majesties hands, We have since Continued our Endeavours of the lyke Kind towards others, by means whereof Mr. Penn has also been induced to propose a surrender of his Government of Pennsylvania, and has accordingly offered to us—proposals in the words following viz[t]

Proposals to the Lords Commissioners for Trade and Plantations about the Surrender of the Government of My Province of Pennsylvania

1st. That the Government of the province of Pennsylvania and Territories continue to be the same Distinct Government under the Crown that it hath allwayes been and now is.

2nd. That the Laws and Constitutions thereof be confirmed by the Queen except such few as I shall object against.

3rd. That a Patent pass to me and my Heirs for the three Lower Counties of Newcastle, Kent, and Sussex, called the Counties annexed, or Territories of Pennsylvania, according to a Grant begun by the late King James, and had been finished had he stayed one week Longer at Whytehall, as may appear by a bill drawn in Pursuance of his Warrant signed William Williams Attorney or solicitor General.

4th. Since my first Expedition Cost me £10500 and that my Government has stood in twice as much, and since that Government was the best part of the consideration I had from the Crown, haveing bought the Land of the natives over and over. And that the sole is only made of any value to me upon my own Interest, and their and my charge that engaged, and that from henceforward my Shop windowes will be shut down and my market over (my case and that of my province haveing peculiarities distinct from all others). The motive to treat being over by my Surrender of my Government and since that will disable me to pay the debts the whole has Contracted upon me and my Estate, by Loosing the benefit and the prospect of return the peoples Justice might afford me, and my posterity as their Governor; and since My Prosperity, as it is called and distinguished by an English Scale, while but a wild and uncultivated one, and never to be otherwayes but at my Cost, which is *nyntie nyne* parts in a Hundred besides the fall it will give to the present Settlements (that rise 50 per Cent on my Last arriveal there) and an abundance of seen and unforeseen prejudices that may follow to me and mine and those

Ingaged on my account, And that the Custome of Goods Imported here from thence Directly amounting from £1500 Since my arrival to £10000 per Annum to the Queen and by Circulation of our Trade by the hands in their Commodities hither to not less than as much more; which before it was mine never returned any thing. I hope it will not be thought hard that I ask Thirty thousand pounds paid, and one half the penny per pound upon Tobacco in the Country, as well of what sume or sumes the People shall give and grant the Governor for the time being for his Salary by my assistance.

5th. Having so great a Stake there and the inhabitants thereof, and to distinguish my Self and Family as the founders of the Country, That I and my Heirs Shall have power to present as often as a Governor is wanting Two or more persons to the Queen or King for the time being Qualified for that Station, for Her or Him to appoint and Commission one of them to be a Governor and vice adm[ll] thereof.

6th. That no appeals shall Lye to the Queen in personall actions where the Cause of action is of Less value than £200.

7th. That all Rights privileges Jurisdictions, Power and preheminence Granted unto me and my heirs by Patent of Lord of the Soile & waters proprietor of the Country with all incident Courts and offices thereunto belonging, be in the amplest maner reserved and Confirmed, And that all such further priviledges Franchizes and Liberties as upon consideration shall be found necessary to the good and prosperity of the said province &c., and in augmenting the Trade and further peopleing thereof, may be granted and Confirmed to me and my posterity which is submitted

Wm. Penn

18th fourth month
June 1703

Mr. Penn by these proposalls demanding not only a great sume of money, but in effect much Larger powers from Her majesty than what he offers to yeild, and lykewise a new and positive Grant of the three Lower Countys called Newcastle, Kent and Sussex, To which we do not find he has any good title, tho he has a long time Exercised the same authority there as in the province of Pennsylvania, We have esteemed such proposals very unreasonable, and thereupon pressed him to come to more moderate Terms. The uniting of this Colony lending very much to a due regulation of Trade and Settleing a method of common defence in this time of War.

But in relation to the Exercise of his authority or of those deputed by him, in which respect all Proprietary Governors did for some time refuse to give that Security for their deputys which was required from them pursuant to the act of the 7th and 8th of his late majesty *ffor preventing ffrauds and Regulating abuses in the Plantation Trade,* and to the adress of your

Lordships thereupon, We have prevailed with him to give the Security required and a declaration under his hand that Her Majesties approbation should not be construed in any maner to diminish or Set a Syde Her Majesties Claime of Right to the three Lower Counties: Whereupon Her majesty was accordingly pleased to approve of Mr. John Evans nominated by him as Deputy Governor of Pennsylvania and the said Counties.

The lyke security has been required and taken for Sir Nathaniel Johnson Deputy Governor of Carolina, and for Mr. Edward Birtch Deputy Governor of the Bahama Islands which Colonys lye so very much exposed to the French and Spaniards, That without a due Regulation of Government under Her majesty and proper means of defence, We cannot but apprehend a sudden Loss of one or both of those Colonies, which would be in the highest maner detrimental to the Trade of this Kingdom.

In relation to the State of defence and Trade of Virginia and Maryland, haveing received an account from Colonel Nicholson Governor of Virginia, That the militia there was in a very ill Condition, as to arms and stores of War necessary for their defence, The particulars whereof he Represented

The Horse	2143
Dragoons	1985
Foot	4971
In all	9099

That there wanted for the Horse and Dragoons... 3000 cases of pistolls
And for Ditto..... 3500 Carabines
For the Foot..... 5000 Firelocks
For the horse Dragoons & foot 5000 Swords, besides pouder and Shell; which particulars the Country ought to provyde at their oun charge, But in regaurd of the great importance of that Colony to Her Majestys Revenue and the Trade of this Kingdom, and in consideration of the present conjuncture, and that such arms and stores Cannot be provyded in America, We humbly offered to Her Majesty that She would be pleased to order a sufficient quantity of arms and pouder to be sent to the Governor and that he might be directed to require the assembly to reimburse the charge thereof and not to deliver any of them out, but upon absolute necessity: whereupon Her majesty was pleased to order that a Quantity of the said arms to the value of £3388 Should be sent, and that the said Sume should be repaid to the office of the ordinance out of the Quit Rents of that province. Directions were lykewise [given] to the Governor to take Care that Such of Said arms, as Should be Delyvered to the Inhabitants there, for the ordinary Service of the militia should be paid for, by the persons who received the same, and whereas the assembly had raised the sume of £420 Sterling for defraying the charge of takeing a pirate Ship, which was an Eminent and Extraordinary Service.

We humbly Represented that Her majesty would be pleased to gratifie

them in alloweing the deduction of that Sume out of the Reimbursement they were required to make as aforsaid Unto which we further added that it would very much conduce to Her majesty's Service if a Store Keeper were sent to that Colony, who might be accountable for such arms and ammunition, as Her majesty should think fitt to send from time to time and upon consideration of the forsaid ill state of the militia, We advised the Governour to Endeavour to get an act past there to oblidge all masters to furnish their men servants with a Gun of 20 shillings value at the expiration of their terme of Servitude as was practised in the nighbouring province of Mary Land where the Governor of that province had informed us that the militia was well regulated and armed, magazines built for stores, and places for Rendezvvous appointed for any occasion.

In relation to Convoys for those important Trades, We have several times heard the Tradeing thither, as lykewise divers planters and others who had been Inhabitants of those Colonies and settled the times most proper for their Convoys, And being informed by the said merchts that at least 80 ships were then (vizt in december 1702) lyeing in the Rivers of Virginia & Maryland; and that the lyke number would be ready to go out from the severall parts of this Kingdom in January following with the manufactures of England, for the present supply of those Colonys; We offered it as highly necessary that a Convoy of good Strength Should be appointed to Sail from the Downs by the End of January aforsaid, with directions that they should Call at the cheif ports between the Isle of Wight and the Lands End, for the merchants Ships bound to Virginia and Maryland, and that the said Convoy should be ordered to return from the Capes of Virginia by the 1st or 30th day of July at the furthest, bringing with them such merchant ships as should be then ready to saile: Whereupon it haveing been ordered that the Said Ships be Convoyed by two fourth Rates to be Joyned by two others from Vice admiral Bembows [*sic*] squadron then in the west Indies part of that fleet being lately arrived in the ports of England, We have understood that the Quantity of Tobacco then Imported into the ports of London from September 1702 to november 1703 amounted to 59036 hhds since which Another fleet being allso arrived, We are informed that the Quantity therein Shipt from Virginia and Mary Land for the port of London is 11440 hhds. But the quantitys arrived this year or yet expected at Whytehaven, Leverpool, Bristol, Briddiford, and other out ports, We have not receaved a particular account. Upon a general Calculation we esteem it may amount to one third of what we have mentioned to be imported into the port of London, so that the whole quantity may be about 93968 hhds.

It haveing been Represented to us by some merchants of London as necessary that another Convoy of good force should be sent to those parts about the beginning of July following with a fleet of Merchants Ships intended to Saile at that time, for the further supplyeing of those Colonies with those necessaries and bringing from thence the product of the year, We lykewise humbly reported such a Convoy to be requisite to saile at that

time, or at the latest about the beginning of august and to return from thence the beginning of aprile nixt, which Convoy might have directions either to remain in the Rivers of Virginia and Mary Land, or to be ordered to Cruise dureing the winter Season, off of Barbadoes and the Leward Islands, or else where within the Tropicks, for the Security of the Trade of those parts; and accordingly 2 fourth Rate ffrigats were appointed for that Service.

We have further Represented the necessity of a due care in makeing the lyke seasonable provision of Convoys for furnishing those Colonies with the manufactures of England and bringing away the product of those parts which without such encouragement for the safety of their Trade might be necessitated during the War to turn their industry from the planting of Tobacco (so beneficial to England) to the producing European manufactures.

Upon information that all the Ships of War which last sailed from Virginia, are ordered to come away with the Trade and none other appointed for that Station, We humbly offered that one of those intended thither should Remain there as a winter Guard, whatever Service the other might be ordered upon till the return of the fleet.

And in further relation to Convoys for those parts, haveing considered the ill consequences of ships comeing away from thence without Convoy Dureing this time of War, whereby many of them have been taken and other wayes exposed to great hazards, We humbly offered to Her majesty the draught of letters to the Governor of Virginia, and to the president and Council of Maryland, in the absence of the Governor strictly requireing them to take especial care that dureing this time of War no Ships do Saile from those Colonys otherwise than with Convoy, such only excepted as shall have particular Licence from Her maty or from His Royal highness the Lord high admiral to that effect.

And whereas the Government of Maryland became vacant by the return of Colonel Blakiston from thence, We prepared a Commission and Instructions for Colonel John Seymour appointed by Her Majesty to be Governor of that province, inserting therein such clauses as were proper for the Conjuncture who availed himself of the opportunity of those Convoys for the Transporting himself and family to that province.

We add upon this head, that some defects haveing been found in divers acts transmitted from Mary-Land relateing to the establishment of Religion and maintainance of ministers in that province, We prepared a new draught of a bill on that Subject in which we had the assistance of his Grace the Lord Arch Bishop of Canterbury, The Lord Bishop of London and their principal officers of the Crown, and accordingly Laid the said draught before his late Majestie who was graciously pleased, after haveing heard the Quakers in Behalf of their brethern in that province against the draught of the said Bill, as lykewise the reasons offered for the passing it, to Direct by Order of Council, that we should transmitt the Said draught to the Governor and Council of Maryland to be by them offered to the General assembly, In order

to the passing it Into an act in the usual maner, which act haveing been accordingly passed there, and receaved her majestys Royal approbation, was again transmitted to Mary Land, and has had as we are assured those good effects, which were proposed, and designed by that Law.

In Relation to Neu York we Lay before your Lordships, that the Lord Cornbury the present Governor has at Several times informed us as to the state of defence of the said province.

That the effort of the City of New York is in a very ill condition nothing haveing been Laid out upon it since Colonel ffletcher came from thence, The parapet being of sod worke is fallen down in many places most of the platforms and carriages decayed and useless, many of the Guns dismounted and Some of them honey comb'd so that they cannot be safely fired.

That the forts at Albany, Schenctad Canesligione and another upon Hudsons River called the Half-Moon were lykewise in a ruinous Condition.

His Lordship is therefor Building a new fort at Albany and designs to put the other forts into a better state of repair, which we hope is now done.

That very few of the Stores which he found at New Yorke and at Albany were fitt for Service.

His Lordship desyred that the 4 foot Company in that province which ought to Consist of 400 private Soldiers besides Officers may be recruited, those Companys wanting many of their Complement. That musquets, Bayonets, Swords, and other accoutrements should be sent them, without which those Companies were not fitt for Service.

That the militia of the province was in a very ill state, haveing not been drawn out or Exercised for many years Last past.

That in consideration of the great Charge necessary for Carrying on the fortifications, and the province being much in debt; His Lordship further prayed that Her majesty would be pleased to direct, that he might have some assistance from home for the performance of that Service, He lykewise transmitted to us a List of great Guns, smal arms and Stores, which he thought requisite for the defence of the province.

As for the State of the Civil Government, His Lordship informed us, that he found things in great disorder, The animosities between parties were very high, and at the time of his arrival the administration of the Government being cheifly in the hands of unfitt and mean persons they had oppressed the cheif and most wealthy Inhabitants and brought all to great Extremities which appeared by many addresses presented to his Lordship from all parts in this his Government for releif, and by the Condemnation of two considerable merchants there Sentenced to be Execute as guilty of high Treason, whereas their Crimes only appeared to be that they had prepared a petition to the late King, The parliament of England, and the Lord Cornbury, Setting furth the greivances they had Lain under.

In reference to the five nations of Indians bordering upon New York, His Lopp gave us ane account of a Conference he has had with their cheif Sachems at Albany, where he made them presents as usual in order to

Confirm them in their Submission to Her majesty, which tho a considerable Charge, His Lordship Judged absolutely necessary to be continued, Lest the intreagues of the French of Canada, and the influence of their preists who frequently converse and often Inhabit with those Indians, should Debauch them from their alledgiance to Her Majesty.

Upon all which particulars, We took Leave to Lay before Her majesty.

That as to the forts and fortifications his Lordship might be ordered to use his best Endavour with the assembly to Dispose them to make Suteable provision for repairing the old, and Erecting Such new fortifications as should be Judged necessary, which together with the Quota's of the nighbouring plantations, wherein Her majesty might be pleased to renew Her directions, might be applyed towards that work: Both which were accordingly done.

And as his Lordship represents the province to be in such a state as necessarly to require assistance from hence, we humbly Laid the Same before Her majesty.

As to stores and materials of War, His Lordship haveing transmitted a List in which he desyred 60 pieces of Canon, a Thousand fire Locks and 200 Barrills of pouder; We offered that in case those quantities might not at this time be so conveniently spared, one third part of the Canon, and one half of the fire locks, Pouder and other stores desired should be now sent.

Which proposals haveing been referred to the principal officers of the ordnance to an Estimate of the Charge thereof, They did accordingly make an Estimate of the whole amounting to £5568, but withall objected against their Supplying the Same; for that no provision had been made, for it by parliament, and that their office had already been much Exhausted by Stores Sent to the plantations, which they Suppose ought to have been defrayed from thence which we conceive to be very difficult to be obtained, if possible, the product of those Countries being sent to England, and the Customes which arise from thence being received here, which Disables them from undertakeing all the necessary fortifications at their oun Charge, and furnishing themselves at the same time with stores of War sufficient for their defence, as they are a Barrier to the other plantations against the ffrench and their Indians.

In relation to the recruits demanded by his Lordship for the 4 Companies We offered to Her majesty, that we found by the amounts Laid before us, that besides what is due from the Executors of the Earl of Bellomont, there was remaining in the hands of Capt. Nanfan late Lieutenant Governor of New York the sume of £510 for Respits from the 9th March 1700 untill the 8th may 1702 and in the Lord Cornbury hands £238 for Respits from the 9th may 1702 until the 24th december following, whereof a particular amount might be made up in the Pay office, which Respits, we humbly proposed, might be applyed towards Recruiting the said Companies and together with what Should appear to be further due from the Pay-office upon the Clearings of those Companies (which we Judged to be very

requisite) might be imployed, So far furth as the same was applycable to that Service, towards provydeing arms, accoutrements and other necessaries they stood in need of, which we are informed is now in away of being settled accordingly.

As to the Civil Government of the province and the unhappy divisions among the people, We humbly reported, That haveing Recommended to his Lordship as well as to former Governor the Endeavouring to Reconceal all parties, He did assure us that he had accordingly applyed himself to that work, and would continue to do so, without Espousing partie further than Her majesties Service, and the Rules of Justice did oblidge him.

As to our freind Indians, We were humbly of opinion that the usual method of ingaging them by presents Should be continued and especially as any Extraordinary occasion might require, And we further took leave to observe that another means to prevent the influence of the ffrench Missionaries upon them, and thereby more effectually to secure their fidelity, would be that two protestant ministers be appointed with a Competent allowance to dwell amongst them, In order to instruct them in the true Religion and Confirm them in their duty to Her majesty which his Grace The Arch Bishop of Canterbury did undertake to provyde.

In relation to the State of defence and the Civil Government and methods of Trade in the Massachusets Bay, Newhampshire, and the adjacent parts, according to Several informations, received from Colonel Dudley, Her majestys Governor, We have represented

That in Newhampshire from whence the best masts and other naval Stores are brought, There is but one fortification situated at a place called New Castle at the Entrance of Piscataway River, That in the fort, there are 31 Guns mounted, that the Cariages and platforms being defective, Colonel Dudley hoped he might Induce the Inhabitants to repair them, But reports the province unable (by reason of their poverty) to be at the Charge of all Such other reparations and works as are necessary for the defence of that Country.

That as to the Massachusets-Bay and the province of Main, which is united to that Government, the Eastern parts thereof being most Exposed to the ffrench, He had travelled through all that Country, and renewed the English friendship with the Indians as far as St Croixe But was still apprehensive of their defection by reason of the ffrench preists that are among them.

That in the same journey he had received the remains of the Fort at pemaquid (a place of great importance for the Security of the Eastern frontiers of new England) which was taken from them by the ffrench in the late War and demolished. And that as he had been directed by Her Majesty to use his outmost Endeavours to promote the Rebuilding of that fort, he had in order thereunto taken with him workmen and Surveyors, who were of opinion that the repair of the Stone work alone Could not be perfected under £7000 And that the Lodgeings and furnishing within for

the Receipt of men and stores would require near as much more, besides 20 peices of ordinance to be put into it: He adds that the maintainance of 100 men for the defence of that fort, according to the method of payment and the Establishment of that Country (which is 2 sh p Day) Together with Incidental Charges will amount to near £5000 p annum.

That he had used his endeavours to persuade the Council and assembly to raise a fund for the repairing and puting the said ffort into a State of defence, And that haveing prevail'd with the Council to Concurr with him in that manner. The assembly has refus'd to do it.

Upon the consideration of the General necessities of the province & their Incapacity to sustain the whole Charge of the War on all their fronteirs, He proposes that Cannon and other stores of War formerly Desyred may be sent from hence, which Colonel Ramer the Cheif Engineer there did particularize as followes, vizt

Cannon from 24l. to 18l. Ball	50
Mortars Granadoes & Bullets in proportion	2
Hand Granadoes (with their Fuzees)	4000
Fire arms	600
Heads for half pikes	400

As lykewise two master Guners and one Bombardier. And as argument to inforce the reasonableness of these demands, He wrytes that he had been Informed the French have a Garrison of 400 men in Port Royal in Nova Scotia bordering on New England, and did expect more, who in Conjunction with their Indians (of whom they had 200 Listed Cloathed and armed, and many others ready to joyn them) would be able to Insult all the Island ffronteirs of that province, as has since happened.

Upon the consideration of the growing State of port Royal before mentioned, the cheif ffrench Settlement in nova Scotia, He proposes that Her majesty would be pleased to Direct 3 or 4 men of war to call there, adding that with the assistance of Some of the people of New England for the Land part they might be able to destroy the enemies Settlement and delyver Her majes Territories from so dangerous a nighbourhood, But in case this be not resolved, He insists however that (besydes the Cannon and Stores of War Before mentioned) a fourth Rate frigate may be added to the fifth Rate, which was then attending Her majesties service in those parts with which (if no greater force of Shipping be sent him) he hopes to do some considerable Service; The people of New England Commissioned by him, haveing been very successful in their undertakeings at Sea against the ffrench.

That upon intimation of an Invasion intended by the ffrench and Indians by Land He had prevailed with the assembly to aggree to an act for Listing every fourth man in the province to the ready armed and Cloathed fit for a march in 24 hours.

In relation to the Civil Government of the province all the Counsellors

and other officers being Chosen annually by the assembly and depending wholely upon the people for their Subsistance, He represents the Same as very unconvenient and inconsistent with Her majesties Service.

And particularly as to Trade, He Setts furth the great difficulty of effecting any Strict observation of the acts of Trade amongst the Inhabitants of that province not only from their own disposition, and the popular constitution of their Government by Charter, But also from their constant intercourse with the nighbouring Colony of Rhode Island, who under the same pretence of Independant Government permitt the Landing of any goods there without payeing any duties or Submitting to the Regulations of Trade, or the acts of navigation.

That the Irregularities in the Independant Government of Rhode Island, are a Continual obstruction in the reformation of many abuses in Trade; and otherwise in the Massachusets Bay, and Instances particularly that 2 privateers fited out from Boston and Commissioned by himself haveing taken a large Spanish Ship valued at about £5000 did not return to their Commission port as they ought to have done, but carryed the prize into Rhode Island as a place where they might Compass their sinister designs and that he Could not obtain her being brought to Boston, tho Rhode Island be under that admiralty, and that he apprehended that the Ship and goods would be Imbezeled in that Lawless Colony.

As to the fortifications we are informed by him that the assembly of the Massachusets Bay had Levied the Sume of £5000 for building the Castle in Boston Harbour And that the same would be soon perfected and thereupon intimates the want of Cannon for the fortification when finished.

That the Council of the Massachusets Bay haveing with some difficulty been perswaded to consent to the Rebuilding of the fort at Pemaquid, the assembly nevertheless had again refused to contribute towards that work, tho' they had been often required to do it, and did not show any disposition to obey Her majesties Commands in this matter, nor in the Settleing of a Salary for the Governor and other officers Depending upon the powers of their Charters, which Emboldened them so far as to have litle regaurd for Her majesties Command.

Upon all which We humbly offered to Her majesty.

That in relation to New Hampshire Her majesty would be pleased to reinforce the Several orders formerly given, that the assembly be urged in the most pressing maner to do their outmost for their own preservation and particularly in keeping the Fort at piscataway in good repair and in a State of defence, To which Charge we humbly conceived that the assembly of the Massachusets Bay might in lyke manner be exhorted to contribute, They being interested in the Security of that nighbouring place, as a frontire, and inlett to their Country, which we have frequently signified to them by letters as a duty incumbent on that Colony, and for the Encouragement of the people of Newhampshire (which is a smal province, but very considerable on the account of naval stores) We humbly proposed that 50

Barrills of Pouder and 100 smal arms with the appurtenances be sent thither and that Her majesty would allso be pleased to assure them of Her Royal care and protection as there may be further occasion.

That as to the Massachusets-Bay Her majesty would lykewise be pleased to reinforce the orders formerly sent, Requiring the assembly to Exert their outmost Endeavours in provydeing for their own preservation particularly in building the fort at Pemaquid, and furnishing their other fortifications and stores with necessaries, And we humbly offered that for their Encouragement and part of their demands Her majesty would be pleased at present to direct that 20 peices of Cannon and 2 mortars with Bullets & Shells proportionable be sent thither.

Lastly as to the Inconveniences ariseing in the Massachusets-Bay from the want of power in Her majestys Governor, The irregularities in the Trade in that province as allso in Rhode Island, We have again offered what we had frequently Laid before Her majesty, and both Houses of parliament relateing to independant Governments in america, and the mischeifs ariseing thereby to the Trade of this Kingdom; And haveing been directed to prepare the draughts of Letters proposed to be sent, The same were prepared and sent accordingly.

Colonel Dudley in letters very Lately received gives us a further account that the Eastern Indians in Conjunction with the ffrench had made an Incursion into our Territories and carried away about 100 persons; That he had raised 1000 men for the Subsistence of which he had so far prevailed with the assembly that they had already granted £11500; That he had ordered Colonel Romer Her majesties Engineer in those parts to repair and inlarge a fort in Casco-Bay, the want of a fort more northerly at Pemaquid or thereabouts (which we frequently represented ought to have been taken care of by the assembly of the province) haveing facilitated this inroad of the Indians.

He adds, that he is makeing such other provision as may best tend to the Security of those parts, That upon this occasion he wrote to the two nighbouring Charter Governments of Connecticat Colony and Rhode Island, that they s[h]ould furnish 150 men, which he thought a reasonable proportion for them, But that they absolutely refused to Comply with that proposal tho their security does depend upon the safety of the Massachusets Colony.

As to Newhampshire haveing understood that William Partridge Esquire the late Lieutenant Governor of that province had upon Several occasions neglected to parsue his Instructions, and being a merchant known to Carry on a Trade to fforeign parts, and particularly of Timber and naval stores to portugal, which we Conceive improper for a Governor to do, since he may thereby direct or monopolize the Course of Legal & fair Trade, We humbly offered to Her majesty our opinion, that he might be removed, and that John Usher Esquire formerly Lieutenant Governor of that province, Did appear to us a person well qualified for the discharge of that trust in the place of the said Partridge.

Which her majesty haveing been pleased accordingly to order, the necessary Instructions were prepared for the said Usher in that Government and more particularly in relation to the Contest between the person claiming the Propriety of that Province and the inhabitants which have been long depending.

As to Jamaica, Haveing received great Complaints from thence of the ill Condition of the forces arrived there from Ireland as lykewise of those sent thither from New England, and of the assembly's unwillingness to make due provisions for their reception and accomodations; And the officers of the 2 Regiments haveing lykewise prayed Her majestys Consideration of the hardships put upon them by a late act of assembly we have humbly Represented the whole matter and offered that for the remedy of those Inconveniencies, Barracks be built therein proper places, within [which] (as in the Kingdom of Ireland) the officers and Soldiers may be lodged under the lyke or Such other regulations as may be proposed, which will not only be a great Ease to the inhabitants of that Isleand But keep those forces which are now too much dispersed in a greater readyness for Service. And whereas the provisions which the officers and soldiers are now forced to purchase at dear Rates, by the Exactions made upon them, may be more easiely supplyed from Carolina, and Her majesties more northern plantations, in case an agent be appointed for victualling of them at the best Rates, whilst they Shall be thus Lodged in Barracks, We humbly proposed that Such an officer may be appointed for purchasing such provisions Keeping them in stores, and delyvering them out to the officers and soldiers at the Cheapest Rates, for which so much of their English subsistance as is necessary may be retained and deducted, as allso so much of the allowance made them by the Inhabitants as shall not be applyed towards the Building and maintaining of Barracks, the perfecting of which good work, We humbly offered that Her majesty would be pleased to recomend to the assembly of that Island, humbly conceiving that by this method her Majesties forces will be no longer burdensome to the Island, their discipline and health will be better preserved, the Service better Carryed on, and the Cheif occasion of the Soldiers unwillingness to serve in the plantations in a great maner removed; which was further Committed to Her Majestys Consideration for Her additional assistance & Encouragement.

In further relation to the sd Isleand We humbly Represented that the Inhabitants haveing frequently Complained of great Irregularities Committed by the Commanders of Her majesties Ships of War, in Impresting not only seamen but Landmen, contrary to Her majesties express directions in that behalf and thereby freighting and Causeing many families to desert the Isleand. The assembly Endeavouring to present this mischeif fell into the contrary Extream, and Enacted that if any person whatsoever (without exception) Should presume to Imprest any man, that is or shall be an Inhabitant of the Island, He should be lyable to very severe penalties therein exprest: which we Conceived to be Derogatory to Her Majestys Royal

prerogative, prejudicial to the publicq Service, and might Endanger the Ships of War in exigencies where Seamen might be wanted, We have therefor Humbly represented that the act should be Repealed and Strict orders Renewed for investing the sole power of Impresting Seamen in the respective Governors of that, and of each of Her majestys plantations, as vice admirals to his Royal Highness.

And whereas the assembly of that Island had fallen into differences with the Lieutenant Governor and Councill, and into Heats and Disorders amongst themselves, so that seven of their number being at once Expelled the House, there did not remain a Quorum Sufficient, according to the Rules of that House for passing any Bill the third time, The business lyeing before them had been neglected, and no due Care taken for renewing the body of their Laws, and particularly of the act of the Revenue, which is near Expyring; We humbly proposed that Her maty would be pleased to signifie Her pleasure to the Lieutenant Governor and Councill that they Should Lay aside their private animosities and pursue the publick business with diligence and moderation, & accordingly her majesty has been pleased to give directions in these points.

We have lykewise heard several merchants and planters Concerned in the Trade of Jamaica and have considered divers letters received from the Lieutenant Governor of that Island togither with the minuts of the Councill and assembly there, Relateing to an act passed in that Island, ffor Establishing Kingston as the Cheif port instead of port Royal destroyed by fire: ffinding several great objections to the said act we have not thought fitt to present the Same to Her Majesty for Her Royal assent, but are in dayly expectation of another act to be passed there which may amend the Inconveniencies of the former. We understand that a Bill to that Effect was brought into the assembly there at the comeing away of the Last Ships.

As to the Security of Trade from the northern plantations with provisions to the Caribbee Islands &c.

Upon Repeated Intelligence from these and other Her majestys plantations that the ffrench have greatly encreased the number of their privateers in the Charibbee Islands and do intercept our Ships Tradeing to those parts with provisions from our northern plantations; Upon which we humbly offered to Her majesty as we had done formerly to His Royal highness, that her majesties Governors of New England and New York might be directed to send the Ships of War attending those Colonies towards the winter Season as Convoys with the Ships Trading with provisions and other Commodities between the northern and Southern plantations, and because such a yearly Convoy would not suffice Considering the number of provision Ships sent from the northern plantations, and the different Seasons of their sailing; We further humbly offered that besides the Said Convoy to be settled for the Beginning of the winter another Convoy be appointed to Sail from England in the month of february, so as to be ready at New York or some other of the northern plantations, by the month of apprile, To Convoy

from thence the Shipping of those plantations, which shall be ready to Sail at that time to the Southward, and that the times when each of these Convoys shall be appointed to Sail be signified to the Severall Governors of the northern plantations to be by them made known to whom it may concern, that the Shipping may accordingly be ready; the Convenience of which Convoy sailing from England the merchants ships bound from home to the northern plantations will lykewise take; and a double advantage accrue in the Security of trade

And whereas we have been allso informed that whilst in pursuance of Her majestys Declaration of War with the ffrench and Spanyards her majestys Subjects in strict observation thereof do forbear to Carry on that private Correspondence and Commerce which they formerly had with the Spanish Nation in America, and are hereby deprived of Considerable advantages, The Dutch with a different regaurd to their Intrest do Contrive by all wayes and means to ingage the Spaniards in those parts to a Commerce with them, and for the better Ingratiating themselves with that people have Called in their privateers and Enjoy a free and open Trade with the Spaniards there far greater than ever, which gives very great discouragement to Her majestys Subjects and occasions their Carrying the severall commodities of the plantations (Contrary to the acts of Trade) to the Dutch to be vended by them to the Spaniard or Carryed to Europe, for which Her majestys Subjects receive in Exchange from the Dutch, commodities of the Grouth of Europe which Inconvenience doth lykewise happen between Her majestys plantations and the Dainish Colony of St Thomas; ffor the prevention whereof we humbly offered that effectuall orders be given by the Commissioners of the Customes to their under officers in the plantations (and more particularly in the propriety and Charter Governments where the acts of Trade and navigation are least regaurded) that they do more strictly inspect the Importation and Exportation of all goods there and take care that Sufficient bonds and Security be given for the due observation of those acts in reference to Trade with foreigners and that an exact account be given by the Said officers and by Her majesties Governors as far as in them Lyes, of all Trade Carryed on with Curascas on the Island of Saint Thomas.

And whereas it has been found by long Experience that the Irritating the Spainards by private accounts upon the Land in America has only tended to the loss of a Considerable Trade without any real advantage to Her majesties Subjects, and is the present cause of turning that Trade into the hands of our nighbours: We further humbly offered, that such measures might be taken herein, as to Her majesties great wisdome Should seem meet, So that Her majesties Subjects be not Excluded from an Equal advantage of Trade with others in those parts.

In relation to the Island of Barbadoes and the Trade there, Her majesty haveing been pleased to Disallowe of an act past by the assembly of that Island Entituled *An act for the better secureing the Liberty of Her Subjects within the said Island and preventing long Imprisonments,* as containing

divers Imperfections and unpresidented clauses, and thereupon to direct that for the Satisfaction of the Inhabitants of the Said Island. Instructions Should be given by her maty to the Governor as might in the best maner secure the Liberty and property of Her Subjects there, and prevent any hardships by Long and unreasonable Imprisonment in the Said Island, and that the Said Instructions Should be made publict by the said Governor and be registered in the Councill books of that Island, We did prepare the necessary Clauses for that end, which were accordingly Inserted in the Instructions Given Sr. Bevill Granville upon his nommation to that Government, in as full and ample maner as was desyred.

Upon an address of the Late House of Commons of 23 march 1701 What the duty of 4½ P Cent in Barbadoes and the Leeward Islands, subject to an annuity payable to the Heirs and assignes of the Earle of Kinoule, might be applyed for the repairing and Erecting fortifications and for such other publict uses for the Safety of the Said Islands, as Her Majesty Should direct, We humbly reported to Her Majesty

That in the year 1663 & 1664 Several acts were passed in the Island of Barbadoes and the Leeward Islands for raising a Duty of 4½ P Cent upon all Dead Commodities Exported, from thence which was in consideration of an auknouledgement of 40 lb of Cotton per head, and all other Dutys Rents and arrears of Rents Due to the proprietor and for quietting the possessions of the Inhabitants of those Islands, And for a full Confirmation of their Estates and Tenures and for holding their Several plantations to them and their Heirs for ever in free and Common Soccage, and in Consideration allso of the great Charges necessary for mantaining the Honor and Dignity of his majestys authority there the publict meetings of the Sessions, the often attendance of the Councill, the Reparations of the forts and other publict charges incumbent on the Government, which duty or Impost was Granted to King Charles the 2d his heirs and Successors for ever and has been from that time let to farm or managed by the Commissioners of the Customes here, under the direction of the Treasury, and as we understand has *communibus annis* amounted in Barbadoes to about £10000 Sterling, and in the Leeward Islands to about £3000 Sterling per annum.

We thereupon Humbly represented to Her majesty that by a report of the 24th of January 1701, We Laid before his late Majesty the present state of Barbadoes in relation to its defence upon the Information we had received on that Subject from the Lord Gray and the agents of the Island By which it did appear that upon a Strict Survey of the fortifications by his Lordship and Commissioners appointed for that purpose he found (in 29 forts and Batteries) 308 Guns of Several Sorts, whereof 58 only were Serviceable, and that most of the forts and Batteries were out of repair, upon which his Lordship (having also consulted with the most Experienced inhabitants of the Island) offered his opinion that Such of the forts and Batteries, as may be most usefull be furthwith Repaired, and that there be

sent thither at least 100 Great Guns of 12 foot long togather with a Suteable proportion of Shott and all other ordnance stores needfull for them, adding that there was a want of small arms and Shot; whereupon we humbly repeated our opinion That Such a number of great Guns as Her majesty might think convenient; togather with a quantity of Small arms and ammunition, the particulars whereof (as we received them from the agents were 1200 ffuzills Slung 600 pair of Horse pistolls with holsters 600 Horsemen Swords 600 Belts 200 Musketoons and a Suteable proportion of Bullets, fflints and Cartouch boxes for the fire arms, should be speedily sent thither, and gave our opinion that the duty of 4½ per Cent arseing there is chargeable towards his Expence.

The said agents proposeing allso in a mem. Delyvered to us, that the present forts and fortifications be furthwith repaired, We humbly offered that the same might be done under the Direction of the Commissioners to be appointed by the Governor and Councill there, and that an able Engineer might be sent from hence Togather with Some Experienced Gunners, as Lykewise that magazines should be built for the better preservation of Pouder and other ordnance Stores for which we humbly offered that Her majesty would be pleased to allow a Competent Sum out of the Said Duty.

As to the State of defence in the Leeward Islands, Haveing been informed by Colonel Cordington the Governor in Cheif there, That at St. Christophers upon a ffort at Cleverly point there were 20 Guns mounted, Twelve upon another fort at Brimston Hill, and six upon a small plat form, And that there were 30 peices of Cannon brought out of the ffrench part of that Island which he had directed should be furthwith mounted and placed, We were of opinion by the best Informations we had received that that Quantity of artillery was for the present Sufficient.

As to Antego The Said Governor proposed the Sending 20 long Sakers which might Serve as well against the Indians as any other Enemy and 12 Guns for small fort Designed to be built at Parham, and a new plat form in another place frequented by privateers in time of War, and by unlawfull Traders in time of peace. He desyred Small arms as much wanted and Complained that the Small arms Sent to those Islands from the Tower were Slight and of no Service.

At Nevis he Represented the want of new Carriages for the Guns, and desyred further 4 long Sakers, 6 Guns, 12 pounders and 6 18 pounders, with a Sufficient quantity of Shott for them, and 500 Saker Shot for the Guns allready in the fort and plat forms, together with 20 Barrills of Cannon pouder, and 600 firelocks haveing been lately sent to this Island for as many match locks returned from thence. We were of opinion that upon the receipt thereof they will be sufficiently [furnished] with Small arms for the present.

Upon all which we humbly offered that such part of this duty of 4½ per Cent as Her Majesty Should Direct might be applyed towards the Supply of those Demands, which was aggreeable to the adress of the House of Comons in that behalf.

And upon the whole we further humbly proposed that Her Majesty would be pleased to Send Her Royall letters to the Governors of Barbadoes and of the Leeward Islands to use their best Endeavours to incline those assemblys to continue the publick Levys for the more effectual carrieing on and Compleating the Services above mentioned, and others Conduceing to the Safety of those Islands; Whereupon draughts of letters were accordingly prepared by us, Signed by Her majesty and Dispatched to those parts and upon a Computation of the money arising here from that Duty, the value of 3500£ was sent to the Island of Barbadoes in such particular Stores and other necessarys as the agents of that Island Represented to us to be most necessary, as lykewise the value of 2000£ in proper Stores to the Leeward Islands.

We have not had any account from Colonel Codrington Governor of the Leeward Islands since his Expedition against Guardaloupe, which he Excuses upon the account of the ill State of health under which he has Laboured for some time past, But we have discoursed with a person lately Sent from those Islands, and again Represented the hazards to which these Colonys are Exposed by the great number of ffrench privateers upon those Coasts, And that a protection, by Ships of War is absolutely necessary to the safety of that Trade.

And whereas in the Course of our business we had observed that the Governors of Her majestys plantations receiving presents from the Generall assemblies was of ill Consequence, as well because those Governments were thereby rendered precarious and dependant, as that the persons by whom such presents are made might frequently have Causes depending before the Governor, ffor the obviating this Evill, and that the Governors should be Enabled by Sufficient Salaryes to Support the Dignity of their respective Governments without Such presents, We humbly Represented to her Maty.

That out of the duty of 4½ per Cent in Barbadoes there had been hitherto assigned 1200 lb Sterling per annum Salary to the Governors of that Island, But that some haveing been judged not Sufficient for their Support, they had been permitted from time to time to receive presents from the assembleys, and considerable Sumes have accordingly been raised by publick Leveys, ffor the preventing of which practice, We humbly proposed that Her Majesty would be pleased to add the sum of 800£ Sterling per annum out of the Said Duty of 4½ per Cent to the then Salary of the Governor of that Island which by Such addition would amount to 2000£ Sterling, which we hoped might be a Competent maintainance for that Governor.

And we humbly offered that upon the Establishment of £2000 per annum as aforsaid Her majesty would signifye Her Express pleasure that no Governor Lieut Governor, Commander in Cheif, or president of the Council of Barbadoes for the time being should thereafter receive any gift or present from the assembly, and lykewise that no assembly Should make any Such gift or present to him, or any of them, upon any account whatsoever Except

only that there being then no House appointed or set apart for the Governor and it haveing been customary for the assemblys to make a temporary assignment of a house or Rent for the same, out of the publick Levyes, Her Majesty might be graciously pleased to permit the assemblye to assigne such a house or Rent for the same, not exceeding three hundered pound sterling per annum out of the publick Levyes, and to allow the Governor to accept thereof (notwithstanding what had been offered untill a House should be built for him; Provyded allwayes that this Should be done at the first Session of the Assemblye after such Governors arrivall, or receipt of her majesties order in this behalf and that it should be assigned him for the whole time of his Government.

And we Did thereupon humbly observe that the aforsaid increase of Salary being Supplyed by Her Majesty out of the duty of 4½ per Cent, The assembly of Barbadoes (and other assemblyes in the Charibbee Islands) would have an opportunity and be in a Condition of applyeing those large Sums, which they usually Gave in presents by yearly Levyes to their Governors towards such other publick uses as might be most necessary for the defence and Safety of those plantations; And we humbly conceived that in consideration of Her majesties goodness in exempting them from this Customary burthen of presents, They might be the more easily induced to Contribute in Such other maner to their own preservation.

As to the Government of the Leeward Islands, we lykewise Represented to Her majesty that the Salary of the Governor in Cheif arrising out of the Said Duty of 4½ per Cent there; being no more than 700£ Sterling, The insufficiency thereof had been the reason (as in Barbadoes) that the Governors had been permitted to receive presents from the assemblyes of those Islands, We therefore humbly proposed that Her maty would be pleased to add the Sum of 500£ sterling per annu. out of the said Duty of 4½ per Cent there to the Salary of the Governor in Cheif, which by that addition amounting to 1200£ Sterling might be a Competent mantainance for him.

And whereas besides the Governor in Cheif of all the Leeward Islands, there are Lieutenant Governors of each of the said Islands vizt St. Christophers, Antego, Nevis, and Mountserrate, who had no Established Salaries; We humbly conceived that if Her majesty would be pleased to appoint the Sume of 200£ Sterling per annum to each of them out of the said Duty of 4½ per Cent, it would Lykewise be for Her majestys Service and the Intrest of this Kingdome, In reference to Trade and otherwise in freeing such Lieutenant Governors from their obligation to the assemblyes whereby her majesty might be lykewise Enabled to Send from England fit persons for those Commands, as there might be occasion.

And we thereupon humbly offered that the same Injunctions might be Signyfied to the Governor, Lieutenant Governors presidents and assemblyes of the Leeward Islands as to the Governor and assembly of Barbadoes with the lyke exception that the Governor in Cheif and Lieutenant Governors might be permitted to accept of a house or rent for the same from the Severall assemblyes in the same maner as proposed for Barbadoes.

As to Jamaica there being an Established Salary for the Governor of 2000£ per annuin Current money of that Island out of the Revenue arriseing there, for the Support of that Government, We humbly offered that the same might be made up out of the said Revenue 2500£ of such Current money which might amount to about 2000£ Sterling and that the lyke directions might be given therein as in Barbadoes and the Leeward Islands; Except only what relates to a House, Her majesty haveing allready a House there convenient for the Residence of the Governor.

As to the Bermuda Islands, there being 160£ p annum setled by her majesty for the Support of the Governor out of the Shares of Land and Licences for whale fishing there and the further Sume of 240£ out of her majestys Exchequer, makeing in all 400£ Sterling we humbly conceived that the addition of 100£ per annum more out of the Exchequer might inable him to Support himself in that Government without presents from ye assembly.

The Salary of Her majestys Governor of Virginia being 2000£ Sterling per annum, we Conceived the Same Sufficient for his mantainance without receiving any presents from the assembly or any further addition from her majesty.

As to the Government of Maryland We found the constant Revenue ariseing by the 2 Shillings P. hhd. upon Tobacco Exported To have amounted in the year 1701 to about 3200£ one moiety whereof Belonging to the Lord Proprietor, and the other moiety being for the Support of the Government one fourth part thereof is by Act of assembly to be applyed to the buying of Arms and the other ¾ amounting to 1200£ Is applicable to the Governors Salary, Besides which an Act was past upon the arrival of the Last Governor in Mary Land for raising a Revenue of 3 pence per Hhd as an additional allowance to him for his better mantainance dureing his Government, which may amount to 500£ Sterling per annum more, And there being no house in Mary Land for his reception, We humbly Conceaved Her majesty might allowe the assembly to Repass the lyke act for the better mantainance of the present Governor, provyded the same were for an unlimited time, or dureing his Government, and that the said Governor might not be permitted to Receave any present or gratification from the assembly upon any one whatsoever.

The salary payable out of Her majestys Revenue in New York to the Governor being no more than 600£ Sterling per annum which was no wayes sufficient, and that defect haveing been to that time supplyed by presents from the assembly; We humbly offered that 600£ more might be added to it out of the said Revenue which 1200£ might be a Competency for his Support, and upon the Settlement thereof we humbly proposed that the lyke directions might be Given in New York, in reference to presents as for the other Colonies.

As to the province of New Jersey, which has been lately brought [under] her Majesties immediate Government and the Lord Cornbury Constituted Governor of the same, as of New York, We conceaved the assembly there

ou[gh]t to settle a constant and fixt allowance for the mantainance of their Governors, as allso of the Lieutenant Governor who is to be resident there.

As to the province of the Massachusets-Bay, which is a Charter Government, The Inhabitants have been allwayes averse to any Complyance, with the directions that have been frequently sent them from hence for settleing a fixt Revenue for the Support of that Government, or the Governor, and upon application made to the Councill and assembly of Colonel Dudley, Her majestys present Governor pursuant to her majesties Instructions to him, they have w[h]olly declined the same, persisting in their usual way of makeing only temporary provisions for the charge of the Government, whereby they have Kept her majesties Governors there in a Continual dependance upon them for voluntary presents which to the present Governor has been as yet very imconsiderable.

Whereupon we humbly offered that her majesty would be pleased, by a letter under her Royal sign manual, Directed to the Councill of that province, to be comunicated lykewise to the assembly to require them, that in Consideration of the great priviledges they Injoy, they Should settle a Constant allowance Suteable to the Character and Dignities of that Government, without Limitation of time upon the Governor together with a fitting provision for the Lieutenant Governor or Comander in Cheif for the time being, In which Letter it might be intimated to them, That if they neglected that oportunity of Complyeing with Her majesties Just expectations Her majesty would be oblidged to have recourse to such Remedies as might be propper and effectual in order to a due provision therein.

As to Newhampshire where no certain provision has yet been made, We Conceived there ought lykewise to be a fitting salary without Limitation of time raised by the Assembly; and we humbly offered that Directions might be given accordingly.

As to the other proprietary and Charter Colonies vizt: Rhode Island, Connecticat, Pennsylvania, Carolina, and the Bahama Islands We could not propose any thing upon this occasion; The Governors of those Colonies, not being appointed by Her majesty, and depending either upon the proprietors or the people from whom they have very mean and uncertain Salarys which incourages them to Connive at unlawfull Trade and other Irregularities inconsistent with the Intrest of this Kingdom which great mischeif we have often Suggested Can only be Remedyed By reduceing those Colonies to an imediat Dependance on the Crown.

The Importation of naval Stores from the plantations for the use of her majestys navy and otherwise; haveing been long Esteemed and Endeavoured, as a national good, We have accordingly applyed our Selves to the Examining and Improveing all wayes and methods by which Such Stores might best [be] produced and brought into England. Several merchants and others Haveing undertaken to Import considerable Quantities of these Commodities, upon Condition they might be Incorporated by a Charter, we had divers Conferences with them, Endeavouring to Reduce their proposall to

reasonable termes; and upon the whole we prepared the draught of a Charter for them with Such priviledges as we Judged they ought to have Embraced, But being particularly Solicitous to provyde against the ill effects of that pernicious practice of Stock-Jobbing, which has of late years so prevalently drawn mens minds from Honest Industry in fair Trade, and Engaged them in Tricks and artifices to Ens[n]are others, and delude the nation, with an appearance of imaginarie Riches, We inserted in their Charter Such Clauses, as we Judged might most effectually prevent that mischeif. But the undertakers haveing agreed to all the other articles proposed to them, insisted solely upon a liberty in this point, and Declared positively that unless they were permitted to Transferr their Shares each man according to his conveniency It would be impossible for them to procure the Subscriptions necessary to Carrie on that undertakeing, In which State that matter yet remains.

But whereas the necessity of makeing Some provision of this kind appears at present more pressing than ever because we have not imported the Last year from Xmas 1701 To Christmas 1702 any such quantitys as usual in former years, and that the pryces of Pitch and Tarr were very much advanced occasioned by Extraordinary means used by the Swedes to Inhance the pryce of those Commodities in Sweden to the end that neither her majesty nor the merchant may be oblidged to the arbitrary Conditions which may be insisted on by the northern Crowns or the Inhabitants of those parts, from whence those stores are ordinarly brought, We have Lately received and examined proposalls from several private persons for bringing in some Quantities of Pitch and Tarr (the Commodities of this time most wanted) from the plantations upon Contract for the use of Her majestys navy, We being of opinion that private persons, or select numbers may better open this Trade then Corporations, who must bring a Load upon that Trade by Salaryes to managers officers and other outgoeings, which select numbers may Excuse, which proposalls we have Communicated to those Intrusted with the management of that affair, under whose Consideration it now Remains.

We have been long sensible of the Inconvenience ariseing from the difficult Rates of foreign Coins in Her majestys plantations, which has occasioned great uncertanty in the Trade thither, and more Especially from the Liberty taken by some of them, Cheifly proprietyes to alter those Rates at their oun pleasure, which has been an incouragement to indirect practices for Drawing away the Coin from one plantation to another, as has more particularly been practised in Pennsylvania, to the great prejudice of the nighbouring Province of Mary land, where Her majestys Directions not to alter the Current Rates of Coin have been more Exactly observed, whilst an act of assembly has been past in Pennsylvania appointing the Rate of money or Coin within that province whereby peices of Eight and Dollars of 15^{d} weight are made Current at 7^{sh} p peice, and that for every penny weight under or over there is to be abated or advanced 4^{d} p peice, so that a peice of Eight of $17\frac{1}{2}^{d}$ weight (which is the due weight) is made Current at 7^{s} 10^{d}

tho the same be not intrinsically worth more than 4s 6d upon consideration whereof We have offered our opinion to Her majesty that the said act be Repealed which has accordingly been done. But notwithstanding that particular act repealed conceiving lykewise that this general mischeif Cannot otherwise be Remedyed than by Reduceing all foreign Coins throughout Her maty's Dominions in America to the same rates, We have accordingly Represented to Her majesty that whereas peices of Eight, Sevill, pillar, and Mexico are now Current in the Colony of the Massachusets-Bay at the rate of 6. shillings p peice, By virtue of an act passed there, which was Confirmed by His late majesty, and therefor cannot be altered but by an act to be passed in the same manner; We humbly offered that Her majesty would be pleased to issue Her Royall proclamation, to be published throughout all the plantations (as well under proprietors as Charters as in those Governed by Her majestyes imediate Commission) Directing that from and after the 29th Day of September 1704 no Sevill, Pillar or Mexico peices of Eight tho of the full weight of Seventeen penny weight and a half Should be received, taken or paid in any of Her Majestys said plantations, above the rate of 6s p peice for the Discharge of any Contracts or Bargains to be made after the said 29th day of September 1704, The halves Quarter and other Lesser peices of the same Coin (of due weight) to be Reckoned allso in the same proportion, And that as for the peices of Eight of Peru, Dollars and all other foreign species of Silver Coine, whether of the same or baser alloy, the Currency thereof after the Said 29th Day of September 1704, Should stand Regulated according to their weight and finess in proportion to the aforsaid Rate Limited, for the peices of Eight of Sevill, Pillar, and Mexico, so that no foreign Silver Coin of any sort be permitted to Exceed the same proportion upon any account whatsoever.

We have formerly Laid before Your Lordships an account of the undertakeing for Establishing Packet Boats between England and Her matys Islands in the West Indies, The Success whereof in Seven voyages appearing to be allmost constantly the same,

We humbly take leave to offer the following Scheme

THE VOYAGES OF THE SLOOPS BETWEEN ENGLAND AND THE SIX ISLANDS IN THE WEST INDIES.

SLOOPS' NAMES	WHENCE & WHEN SAILED	WHERE & WHEN RETURNED	DAYS SPENT
	Sailed from the	Returned to	
Bridgman.....	Needles, 21 October, 1702	ffalmouth, 2d Febry followeing	105
Mansbridge....	Plymouth 8 Decemr Do	Plymouth 10 March ditto	92
King William..	ffalmouth 30 Janry ditto	ffalmouth 16 May ditto	107
Bridgeman.....	ffalmouth 4 Aprill 1703	Taken 35 Leagues West of Scilly 27 July ditto	114
Mansbridge....	ffalmouth 9 May ditto	ffalmouth 17 Augt ditto	100
King William..	ffalmouth 30 June Ditto	Mounts Bay, 8 Octob ditto	100
Prince..	ffalmouth 2d Augt ditto	Mounts bay 13 Novr Ditto	103

We have Endeavoured to Establish a lyke Correspondence imediatly between England and Her majesties Dominions on the Continent of America by Packet boats to Sail from hence to New York or Some other port near the Center of those Colonies But the proposalls which have as yet been offered to us appearing rather to design and advantage in Trade to the undertakers then a real help to the Generality of merchants concerned in those parts, We have declined the same and are doeing what in us Lyes to Settle Such a Correspondency on better terms.

As to the Trade and fishery of Newfound Land We last year humbly Represented to your Lopps that it had been our Constant Care to prevent the Irregularities practised by the Inhabitants on those that yearly resort thither, That we had accordingly prepared Instructions for the Commodore of the Squadron Sent thither, with heads of Enquiry relateing to the Trade, The pay of the soldiers, the fortifications Security of the principal Harbours &c. In order to such further directions as Should be necessary against the nixt Season, We lykewise Layd before your Lordships the following abstract of the fishery for the year 1702° * * * Upon which we observed that our fishery had not been so Considerable that year as other preceding years which might be Imputed cheifly to the Interruption and Difficulties occasioned by the Warr and the want of a vent for our fish in the Dominions of Spain and other parts of the mediterranean Since which tyme we have Continued our Care as follows.

Upon the petition of several merchants p[r]aying for a Convoy for that Trade, We humbly Reported our opinion that two or more men of Warr might be appointed to Convoy the fishing ships in march last, and two other for the Sack ships to sail in May which were accordingly ordered.

And whereas the Salt employed in this fishery is cheifly Supplyed from Portugal, We further proposed that Convoys Should be ordered for the Salt Ships from Lisbon to Newfoundland, upon which orders were Given to the Commander of the Portugal Convoy to appoint one Ship to See the Salt Ships well into the Sea from Portugall.

Haveing Represented to Her majesty the great want of a Boom and other materialls for floating and fixing a Chain at St. Johns in this Countrey without which that Harbour Lay Exposed to the ffrench, and haveing Discoursed with a person Conversant in that Countrey who offered himself to Us for fixing the said Boom and Chain And gave us an Estimate of the Charge thereof we Laid the Same before Her majesty who was Graciously pleased to approve of the proposall and accordingly the materials which could only be had here were prepared, and the aforsaid person Sent with them, together with proper directions for Compleating this necessary work.

As to this years fishery we Gave the Commodore Several heads of Enquiries and Instructions in the lyke manner as for the Last and preceeding years, But it hapened that the Sack Ships and their Convoys which were to have Sailed in July Last were driven by Contrary winds into Ireland,

° See Bulletin, N. Y. P. L., Volume 10, page 273.

where they were Detained till September and did not arrive in Newfound Land before the month of october. The said Enquiries Cannot be answered till the nixt Season.

But upon the Informations we have taken from the merchants The most perfect account which Can yet be procured of this years fishery and is as followeth.

AN ACCOUNT OF THE FISHERY OF NEWFOUND LAND FOR THE YEAR 1703.

AT BONAVISTA & YE BAY 1713	MEN	BOATS	QUINTALS FFISH	TONS OYLE	FFISHING SHIPS, ETC.	BOATS
'Greens Pond	40	6	1,800	6		
Salvage	13	2	300	1½		
Barrow Harbor	11	2	300	1½	Ships	Boats
Keells	11	5	1,400	5	1	1
Bonavista	200	30	10,500	45		
Bailys Cove	42	7	2,400	10		
Green Island	24	4	1,600	8		
Salmon Cove	24	4	2,400	10		
Trinity Harbour	18	3	1,000	5		
English harbour	24	4	800	4		
Silly Cove	30	5	1,500	7	1	1
New perlican	72	12	3,600	15		
Old perlican	108	18	6,300	28		
Bay de Verds	42	7	2,100	9		
Carboneer	60	10	2,500	9		
Harbour Grace, Bay Roberts, Harbor Maine	60	10	2,500	8	1	1
Portugal Cove	24	4	1,600	8		
Torbay	12	2	600	3		
Quidividi	48	12	3,600	15		
St Johns	300	47	14,100	60	18	37
Petty harbour	16	3	900	4	1	2
Bay Bulls	12	2	700	5		
Willes Bay	6	1	300	1½		
fferry land & seal, Smal harbours	72	12	3,600	14	1	2
Ranews & ffarmouse	12	2	600	3	23	44
	1,281	214	67,000	285½	Taken p the Inhabitants.	
			8,000	15	Taken p 23 ffish Ships.	
			75,000	300½		

Upon which we observe that as well by the number of Ships imployed in the fishery as of the fish taken, The Trade of this year is diminished from what it was the Last about an Eight part.

We take leave to add that by letters very lately receaved from Newfoundland the Lieutenant of the Company there Informs us that by the Report of two Deserters the ffrench this winter have 1500 men at Placentia, and 12 months provisions for that number; that there were 2 men of Warr 50 Guns each in the harbor and 4 more Expected from ffrance; That it was apprehended the ffrench might have a design upon our Settlements for which

no releif Can be sent this winter Season and alltho no great Credit can be given to Deserters, We have nevertheless Represented the same according to our Duties.

As to the Care which has been taken to prevent the pernicious practise of Running of Wooll, We crave leave to add to what we have formerly represented upon that head, That the prosecutions against offenders and penalties Inflicted upon Such as have been guilty Has in a great measure prevented the owlers and others from Carrying on that Trade in the Counties of Kent and Sussex, That the officers appointed to this Service upon those Coasts have continued to be of great use in the Seizures of wooll designed for Transportation, as of Silks, wines, Brandys and other ffrench Goods brought in by Stealth and Bartered for such wooll, and that most of the wooll which is now Carried out unwrought to foreign parts is Irish or English wooll from Scotland; That the wooll imported into this Kingdom from Ireland Since christmass 1701 To Christmas 1702 Is as followeth.

TO	STONE AT 18lb. TO ye STONE	POUNDS
Barnstable	24,185	—13
Bridgwater	1,790	
Chester	4,565	
Bristol	11,163	6
Leverpoole	136,886	
Minhead	71,963	2
Bide ford	69,824	
Totall	320,377	3

As to the Custome house account We find that the Recepts for Customes amounted from Mechaellmass 1701. To Michaellmass 1702. to 2344343 lb. 16s. 2d. which is something more then they amounted to the former year; By which we Conclude that our foreign Trade has not abated Since the Warr, But we find that there was paid into the Treasury 233276 lb. less in the last year than in the former occasioned by the outgoeings or Drawbacks by Debentures and allowances which in the Last account exceed the former.

And whereas we have formerly Laid before your Lordships that were over ballanced in our Trade to Sweden and the Baltic about 200000lb. p annum And in our Trade to Denmark and Norway about 150000 lb. p annum, and that for the East Indies there has been Exported from Christmass 1698 To christmass 1699 in Silver and Gold the value of 871109lb. Sterling.

We thereupon observed that by the great Quantities of Silver annually Exported and small qauntitys of foreign silver brought to the mint to be Coined for 12 years then past, It was obvious that our Silver Coine had been much diminished by those Trades; We Crave leave at present to add that by the Entries at the Custome House we find that the New Company Exported the two Last years as followes (vizt)

AN ACCOUNT OF SILVER SHIPT OFF FOR INDIA BY THE NEW EAST INDIA COMPANY FROM MICHAELLMASS 1701 INCLUSIVE, TO MICHAELLMASS 1702 EXCLUSIVE.

SHIPS NAMES.	PEICES OF EIGHT.	FFOREIGNE COINE.	INGOTS OF BULLION.	TOTALS.
The	*Ounces.*	*Ounces.*	*Ounces.*	*Ounces.*
Arabia factor	17,500	....	....	17,500
Canterbury	25,740	8,774	3,828	38,342
Halifax	149,200	12,566	3,528	165,284
Macklesfield	14,400	88,100	3,492	105,992
Union	81,872	1,250	1,340	84,462
Robt. & Nathaniel	102,400	6,837	3,900	113,137
Panther	57,750	....	....	57,750
Tankerville	258,328	400	61,851	320,579
Norris	299,900	67,809	....	367,709
Herne	17,500	....	....	17,500
Edward & Dudly	17,500	3,000	....	20,500
Katherine	17,181	3,851	....	21,032
Mary	4,090	....	....	4,090
Samuel & Hannah	8,550	....	....	8,550
	1,071,911	192,577	77,939	1,342,427

AN ACCOUNT OF SILVER AND GOLD SHIPT OFF FOR INDIA BY THE NEW EAST INDIA COMPANY & THE COMPANIES UNITED FROM MICHAELLMASS 1702 INCLUSIVE TO MICHAELLMAS 1703 EXCLUSIVE.

SHIPS NAMES.	PIECES OF EIGHT.	FFOREIGN COINE.	INGOTS OR BULLION.	TOTALLS.	GOLD.
The	*Ounces.*	*Ounces.*	*Ounces.*	*Ounces.*	*Ounces.*
Dutchess	....	105,200	....	105,200	....
Anna	28,440	....	....	28,440	....
Northumberland	....	72,522	....	72,522	....
Sidney	7,930	87,260	16,650	111,840	....
Montagu	400	....	9,616	10,016	....
Stretham	33,051	5,291	8,849	47,191	...
Fairstock	6,780	128,148	3,343½	138,271½	5954
Queen	1,800	....	....	1,800	....
Seaford	3,700	24,000	....	27,700	....
Mary	16,000	....	....	16,000	....
Josiah	....	14,900	5,623	20,523	817
Abbingdon	400	96,100	8,041	104,541	2145
	114,701	533,421	52,122½	700,244½	8916

The whole of the 2 years amounting to 2047671 ounces of Silver and 8916 ounces of Gold, The Gold computed at 4 pound pr ounce amounting to 564845 li. 13s. 6d. of what has been Exported by others to India or Else where, we have not a particular account

By the officers of the Mint we are Informed that there was Coined from the last of december 1701 to the Last of december 1702

In Gold.....	3642	Lwt:
In Silver.....	144	

ffrom Christmass 1702 to michaelmass 1703

In Gold.....	34	Lwt:
In Silver.....	718	

The value of the Gold reckoned at 4li. pr oz

Troy being..... 176448li. os. od.

And the Silver at 5s 2d p oz being } 2579. 4. 0

By which Computation and the great pryces Given for Silver unCoined more than for the same when Coyned We are Confirmed in our opinion that our silver Coyn by being melted down and Exported Is daily Diminished and that this mischeif Cannot be prevented but By the Legislative Power.

WHYTEHALL
DECEMBR 16th 1703

All which is most humbly Submitted.
WEYMOUTH
DARTMOUTHE
ROB: CECILL
TH: MEADOWS
WM BLATHWAYT
JOHN POLLEXFEN
MAT: PRIOR

Since the foregoeing account of exports we find that there was Exported to India by the united Company the 4th of this Instant Decemr 2121000 ounces of Silver wch with other charges made since michaellmass amounts to above 600000 Pounds Sterling.

We have lykewise received the 11th instant an account from America that Providence the cheif of the Bahama Islands has been burnt and destroyed by the ffrench and Spaynards, and the people all put to the Sword or Carried off, which Danger we have been long apprehensive of, and have reason to fear the same attempt will be made upon Carolina in the present State of that Government

Exd: J. WALKER.

PRINCIPAL ACCESSIONS IN SEPTEMBER.

Bibliography.

Abbaye (The) of the holy ghost. Printed at Westminster by Wynkyn de Worde about the year 1496. *Cambridge [Eng.]: University Press*, 1907. 22 l., 1 pl. nar. 4°. (Facsimiles of XVth century books in the University Library of Cambridge, No. 9.)

Essai de bibliographie pratique. Aide-mémoire du libraire et de l'amateur de livres. Repertoire d'ouvrages rares ou curieux en tous genres, anciens et modernes . . . avec l'indication de leur valeur dans le commerce. Par un ancien libraire. *Paris: Aide-Mém. du Libr.*, 1906. 2 p.l., 443 p. 8°.

Frere (The) and the boye. Printed at London in Fleet street by Wynkyn de Worde about the year 1512. *Cambridge [Eng.]: University Press*, 1907. 11 l. nar. 4°. (Facsimiles of XVth century books in the University Library of Cambridge, No. 10.)

Marchal (Paul), *and* Camille Coudere. La Bibliothèque Nationale. Le Département des Imprimés et la Section de Géographie. Le Départmentement des Manuscrits. Ouvrage illustré. *Paris: H. Laurens*, 1907. 2 p.l., 129 p., 1 l. sq. 8°. (Les grandes institutions de France.)

Biography.

Barton (Clara). The story of my childhood. *New York: The Baker & Taylor Co.*, 1907. 125 p., 2 pl., 4 port. 24°.

Benton family. David Benton, Jr., and Sarah Bingham, their ancestors and descendants; and other ancestral lines. By John Hogan Benton. *Boston: D. Clapp & Son*, 1906. vii, 88 p., 1 pl. 8°.

Marie-Caroline, duchesse de Berry, 1816–1830. Par le Vicomte de Reiset. *Paris: Calmann-Levy* [1907?]. 2 p.l., 435 p., 1 port. 8°.

Bridget, *Saint.* St. Brigid, patroness of Ireland. By J. A. Knowles. *Dublin: Browne and Nolan*, 1907. xiv, 1 l., 292 p., 9 pl., 4 port. 12°.

Gama (Christoph da). Die Heldentaten des Dom Christoph da Gama in Abyssinien. Nach dem portugiesischen Berichte des Miguel de Castanhoso übersetzt und hrsg. von Enno Littmann. *Berlin: K. Curtius*, 1907. xxiii, 132 p., 1 map., 1 pl. 8°.

George, *Saint.* Saint George, champion of Christendom and patron saint of England. By E. O. Gordon. *London: Swan, Sonnenschein & Co.*, 1907. vii, 142 p. illus. 4°.

Lee (Robert Edward). Robert E. Lee. By Philip Alexander Bruce. *Philadelphia: G. W. Jacobs & Co.* [1907] 380 p., 1 map, 1 port. 12°. (American crisis biographies.)

McHenry (James). The life and correspondence of James McHenry, Secretary of War under Washington and Adams. By Bernard C. Steiner. *Cleveland: Burrows Bros. Co.*, 1907. x, 640 p., 5 port. 8°.

Rabelais (François). François Rabelais. By Arthur Tilley. *Philadelphia: J. B. Lippincott Co.*, 1907. 388 p., 1 port. 12°. (French men of letters.)

Turgenev (Sergyeevich). Letters à Madame Viardot. Publiées et annotées par E. Halperine-Kaminsky. *Paris: E. Fasquelle*, 1907. 2 p.l., vi, 263 p. 12°.

Voltaire. By Gustave Lanson. *Paris: Hachette & Cie.*, 1906. 221 p., 1 l., 1 port. 12°. (Les grands écrivans français.)

General History.

Reich (Emil). Select documents illustrating mediæval and modern history. *London: P. S. King & Son*, 1905. xvi, 794 p. 8°.

Seignobos (Charles). History of mediæval and of modern civilization to the end of the seventeenth century. Translation edited by James Alton James. *New York: C. Scribner's Sons*, 1907. xi, 438 p. 12°.

America.

Bodge (George Madison). Soldiers in King Philip's War, being a critical account of that war with a concise history of the Indian wars of New England from 1620–1677 . . . With an appendix. *Boston: Printed for the author*, 1906. xiii (1), 502 p., 3 maps, 2 pl., 1 port. 3. ed. 4°.

Genesis (The) of South Carolina, 1562–1670. Edited, with an introduction, by Hon. Wm. A. Courtenay. *Columbia, S. C.: Privately printed by the State Co.*, 1907. lxii, 177 p., 6 maps, 2 pl., 4 port. sq. 4°.

Johnson (*Mrs.* Susannah). A narrative of the captivity of Mrs. Johnson. Reprinted from the third edition, published at Windsor, Vermont, 1814; with all corrections and additions. [Ed. by Horace W. Bailey.] *Springfield, Mass.: H. R. Huntting Co.*, 1907. xiii, (1) 4–194, 1 fac-sim., 1 pl. 16°. (Indian captivities series. v. 1.)

Ladu (Edgar Eugene). Early and late Mosinee [Wisconsin]. *Wausau, Wis.: P. F. Stolze*, cop. 1907. 228 p., 5 pl., 22 port. 8°.

Marks (*Mrs.* Mary A. M. [Hoppus]). England and America, 1763 to 1783. The history of a reaction. By M. A. M. Marks. *London: Brown, Langham & Co.*, 1907. 2 v. 8°.

Mills (William C.) Certain mounds and village sites in Ohio. Illustrated. v. 1. *Columbus, O.: F. J. Heer*, 1907. 4°.

Morelos (José Maria). Autografos ineditos de Morelos, y causa que se le instruyo. Mexico en 1623, por . . . Arias de Villalobos. *Mexico: Vda. de Ch. Bouret*, 1907. viii, 281 p., 1 l. 8°. (Documentos inéditos ó muy raros para la historia de Mexico. Tomo 12.)

Shepard (James). History of St. Mark's Church, New Britain, Conn., and of its predeces-

sor Christ Church, Wethersfield and Berlin, from the first Church of England service in America to 1907. *New Britain, Conn.: [The Tuttle, Morehouse & Taylor Co.]* 1907. xi, 1 l., (1) 16–707 p., 1 facsim., 12 pl., 24 port. 8°.

Smith (Samuel Robert). The Story of Wyoming Valley. Illustrated by the author. *Kingston, Pa.: The Author*, 1906. 97 p., 6 pl.

Todd (Charles Burr). In olde Massachusetts. Sketches of old times and places during the early days of the commonwealth. *New York: The Grafton Press* [1907]. viii, 2 l., 253 p., 14 pl. 12°. (Grafton Historical Series.)

Wilson (Lawrence). Itinerary of the Seventh Ohio Volunteer Infantry, 1861–1864. With roster, portraits and biographies. Edited and compiled by Lawrence Wilson ... Assisted by the Historical Comee. of the Regimental Association. *New York: The Neale Pub. Co.*, 1907. 552 p., 5 plans. 11 pl., 115 port. 8°.

Europe.

Boissonade (P.) Département de la Charente. Cahiers de doléances de la sénéchaussée d'Angoulême et du Siège royal de Cognac pour les États généraux de 1789. Publiés par P. Boissonnade. *Paris: Impr. Nationale*, 1907. 2 p.l., 555 p. 8°. (Collection de documents inédits sur l'histoire économique de la révolution française.)

Brachelli (Hugo Franz). Die Staaten Europas. Statistische Darstellung begründet von Dr. H. F. Brachelli. Fünfte Auflage. Unter Mitwirkung von Fachmännern herausgegeben von Dr. Franz von Juraschek. *Leipzig: Friedr. Irrgang*, 1907. vi, 995 (1) p., 1 table. 8°.

Burrows (Ronald M.) The discoveries in Crete and their bearing on the history of ancient civilisation. *London: J. Murray*, 1907. xvi, 244 p., 1 map, 1 plan, 2 pl. 8°.

Charmatz (Richard). Deutsch-oesterreichische Politik. Studien über den Liberalismus und über die auswärtige Politik Oesterreichs. *Leipzig: Duncker & Humblot*, 1907. x, 402 p. 8°.

Chart (D. A.) The story of Dublin. Illustrated by Henry J. Howard. *London: J. M. Dent & Co.*, 1907. xvi, 367 (1) p., 1 map, 1 plan, 7 pl. 16°. (Mediæval towns.)

Clausewitz (Karl von). Der Feldzug 1812 in Russland und die Befreiungskriege von 1813–15. Hinterlassenes Werk des Generals Karl von Clausewitz. Mit einer Biographie, enthaltend eine Würdigung durch Generaloberst Graf von Schliessen. *Berlin: F. Dümmler*, 1806. 494 p., 1 port. 3. ed. 8°.

Ghikas (G.) Botschafter von Novikow über den Panslavismus und die orientalische Frage. Aus meinen Erinnerungen, von G. Ghikas. *Wien: C. W. Stern*, 1907. 78 p. 8°.

Grisar (Hartmann). Histoire de Rome et des papes au moyen âge. Traduction par E.-G. Ledos. v. 1 in 2. *Rome: Soc. de St. Augustin*, 1906. 2 v. 4°.

Headlam (Cecil). The story of Oxford. Illustrated by Herbert Railton. *London: J. M. Dent & Co.*, 1907. xv (1), 435 (1) p., 2 plans, 16 pl., 5 port. 16°. (Mediæval towns.)

Hume (Martin Andrew Sharp). Queens of old Spain. Illustrated. *London: E. Grant Richardson*, 1906. 2 p.l., vii–xix, 550 p., 2 pl., 5 port. 8°.

Laurent (Gustave). Département de la Marne. Sér. 1. *Épernay: H. Villers*, 1906. 4°. (Collection de documents inédits sur l'histoire économique de la Révolution Française.)

Leger (Louis). Histoire de l'Autriche-Hongrie depuis les origines jusqu'à l'année 1894. *Paris: Libr. Hachette et Cie.*, 1907. 2 p.l., vi, 687 p., 6 maps. 5. ed. 12°. (Histoire universelle.)

Orne. Dictionnaire biographique et album. *Paris: E. Flammarion* [1907?]. vii, 826 p., 38 pl., 265 port. 8°. (Dictionnaires départmentaux.)

Paul-Dubois (L.) L'Irlande contemporaine et la question irlandaise. *Paris: Perrin et Cie.*, 1907. viii, 516 p. 8°.

Rousseau (François). Règne de Charles III d'Espagne. (1759–1788.) *Paris: Plon-Nourrit & Cie.*, 1907. 2 v. 8°.

Schmidt (Charles). Les sources de l'histoire de France depuis 1789 aux archives nationales. Avec une lettre-préface de A. Aulard. *Paris: Champion*, 1907. 288 p. 8°.

Souvigny (Jean de Gangnières de), *comte*. Mémoires du comte de Souvigny, lieutenant général des armées du roi. Publiés d'après le manuscrit original pour la Société de l'Histoire de France par le baron Ludovic de Contension. Tome 1 (1613–1638). *Paris: Librairie Renouard*, 1906. 8°. (Société de l'histoire de France. [Publications.] v. 328.)

Wigram (Edgar T. A.) Northern Spain painted and described. *London: A. & C. Black*, 1906. xvi, 311 p., 1 map, 75 p. 8°.

Africa.

Auer (Grethe). Marokkanische Sittenbilder. *Bern: A. Francke*, 1906. 308 p., 1 l. 12°.

Blunt (Wilfrid Scawen). Secret history of the English occupation of Egypt. Being a personal narrative of events. *London: T. Fisher Unwin*, 1907. xii, 606 p., 1 l., 1 port. 8°.

Schillings (C. G.) In wildest Africa. By C. G. Schillings. Translated by Frederic Whyte. *New York: Harper & Brothers*, 1907. xvi, 716 p., 20 pl., 1 port. 8°.

Asia, Australia, Pacific Islands.

Manucci (Niccolao). Storia do Mogor; or Mogul India, 1653–1708. Translated with introduction and notes by William Irvine. *London: J. Murray*, 1907. 2 v. illus. 8°. (Indian text series. 1.)

Rivers (William Halse Rivers). The Todas. *London: Macmillan & Co.*, 1906. xviii, 1 l., 755 p., 1 map, 18 tab. illus. 8°.

Skeat (Walter William), *and* C. O. Bladgen. Pagan races of the Malay Peninsula. *London: Macmillan & Co.*, 1906. 2 v. 8°.

Jews.

Allemand (Léon). *Les souffrances des juifs en Russie et le devoir des états civilisés. [Thèse

refusée par le Faculté de droit de Paris.] *Paris: E. Cornély & Cie.*, 1907. 2 p.l., xxix, 228 p. 12°.

Schiff collection.

Erbt (Wilhelm). Elia, Elisa, Jona. Ein Beitrag zur Geschichte des IX. und VIII. Jahrhunderts. *Leipzig: E. Pfeiffer*, 1907. 2 p. l., 87 (1) p. 8°. (Untersuchungen zur Geschichte der Hebräer. Heft 1.)

Schiff collection.

Grimme (Hubert). Der israelitische Pfingstfest und der Plejadenkult. Eine Studie. *Paderborn: F. Schöningh*, 1907. viii, 124 p., 3 pl. 8°. (Studien zur Geschichte und Kultur des Altertums. Bd. 1, Heft 1.)

Levaillant (I.) La genèse de l'antisémitisme sous la troisième République. Conférence faite à la Société des Études juives le 14 Avril, 1907. *Paris: Librairie Durlacher*, 1907. 28 p. 8°.

Midrash. Aus Israels Lehrhallen. Kleine Midraschim zur späteren legendarischen Literatur des Alten Testaments zum ersten Male übersetzt von Aug. Wünsche. Bd 1. *Leipzig: F. Pfeiffer*, 1907. 8°.

Schiff collection.

Art.

Charles (Marguerite), *and* Laurent Pages. Les broderies et les dentelles. (Cours en quarante leçons.) Série 2. *Paris* [1907]. 4°.

Molloy ([Joseph] Fitzgerald). Sir Joshua and his circle. With 2 photogravure frontispieces and 16 full-page illustrations. *London: Hutchinson & Co.*, 1906. 2 v. 8°.

Ross (Denman Waldo). A theory of pure design: harmony, balance, rhythm. *Boston: Houghton, Mifflin & Co.*, 1907. vii, 1 l., 201 (1) p. illus. 4°.

Scheffler (Karl). Der Architekt. *Frankfurt a. M.: Rütten & Loening* [1907]. 2 p.l., 7–83 (1) p. 12°. (Die Gesellschaft. Bd. 100.)

Verfasser (Julius). The half-tone process. A practical manual of photo-engraving in half-tone on zinc, copper, and brass. With a chapter on three-colour work. *London: Iliffe & Sons*, 1907. 5 p.l., (1) 14–348 p., 2 l., 9 pl. illus. 4. ed. 8°.

Music.

Pintado (Giuseppe). Vera idea della musica e del contrappunto. *Roma: G. Puccinelli*, 1794. 159 p. 8°.

Nigra (Constantino). Canti popolari del Piemonte. Pubblicati da C. Nigra. *Torino: Roux Frassati e Co.* [1888?] xl, 596 p., 2 l. 8°.

Sport.

Lambert (T. W.) Fishing in British Columbia, with a chapter on tuna fishing at Santa Catalina. *London: H. Cox*, 1907. xv, 136 p. 8°.

Selous (Frederick Courteney). Recent hunting trips in British North America. *London: Witherby & Co.*, 1907. 400 p., 65 pl. 8°.

Simpson (John). Game and game coverts. *Sheffield: Pawson A Brailsford*, 1907. 2 p.l., 83 p., 16 pl. sq. 8°.

American and English Literature.

Crouch (Edward Heath). A treasury of South African poetry and verse. Collected from various sources and arranged by Edward Heath-Crouch, Cambridge, South Africa. *London: The Walter Scott Publishing Co., Ltd.*, 1907. xviii, 1 l., 278 p., 1 port. 12°.

Esdaile (Arundell). Bibliography of the writings in prose and verse of George Meredith. Compiled by A. Esdaile. *London: W. T. Spencer*, 1907. vi, 7–70 p., 1 port. 8°.

Kennedy (Charles William), *and* J. S. Wilson. Pausanias. A dramatic poem. *New York: The Neale Pub. Co.*, 1907. 60 p. 8°.

Shakespeare (William).—*Doubtful plays; Yorkshire tragedy.* Ein Trauerspiel in Yorkshire. Übersetzt und mit einem einführenden Vorwort von Alfred Neubner. *Berlin: O. Elsner*, 1907. 2 p.l., ix, 49 p., 1 l. (Neue Shakespeare-Bühne. v. 2.)

Foreign Literature.

Biese (Alfred). Deutsche Literaturgeschichte. In zwei Bänden. Band 1 (Von den Anfängen bis Herder). *München: C. H. Beck*, 1907. 8°.

Daenhardt (Oskar). Natursagen. Eine Sammlung naturdeutender Sagen, Märchen, Fabeln, und Legeden. Mit Beiträgen von V. Armhaus, M. Boehm, J. Bolte, K. Dieterich...[and others] hrsg. von O. Dähnhardt. Bd. 1. *Leipzig: B. G. Teubner*, 1907. 4°.

Fromentin (Eugène). Dominik. Deutsch von Ernst Dannheisser. *Leipzig: Deutsche Verlagsactiengesellschaft*, 1907. 381 p. 12°. (Romanische Meistererzähler. N. F., Bd. 1.)

Jacob (Georg). Geschichte des Schattentheaters. Erweiterte Neubearbeitung des Vortrags Das Schattentheater in seiner Wanderung vom Morgenland zum Abendland. *Berlin: Mayer & Müller*, 1907. viii, 159 p. 12°.

Mathematical and Physical Sciences.

Chappuis (James), *and* A. Berget. Leçons de physique générale. Cours professé à l'École Centrale des Arts et Manufactures. *Paris: Gauthier-Villars*, 1839–1907. 2. ed. 2 v. 4°.

Maxwell (William Henry). Ventilation, heating and lighting. *London: Sanitary Pub. Co.*, 1907. vi, 151 (1) p. illus. 2. ed. 12°.

Shaw (William Napier). Air currents and the laws of ventilation. Lectures on the physics of the ventilation of buildings...in the University of Cambridge...1903. *Cambridge: University Press*, 1907. xii, 94 p. 8°. (Cambridge Physical Series.)

Walther (P.) Land und See. Unser Klima und Wetter. Die Wandlungen unserer Meere und Küsten. Ebbe und Flut. Sturmfluten. Mit 7 Wetterkarten. *Halle a. S.: Gebauer-Schwetschke Druckerei*, 1907. 2 p.l., 75 (1) p., 7 maps. 8°. (Angewandte Geographie. Ser. 3., Heft. 3.)

Biological Sciences.

Caras (Paul). The rise of man. A sketch of the origin of the human race. *Chicago: Open Court Pub. Co.*, 1907. 2 p.l., 97 p., 4 pl. 8°.

Horseley (*Sir* Victor Alexander Haden), *and* M. D. Sturge. Alcohol and the human body. An introduction to the study of the subject. With a chapter by Arthur Newsholme. *London: Macmillan & Co., Ltd.*, 1907. xxv, 370 p., 14 pl. illus. 8°.

Kellogg (Vernon Lyman). Darwinism to-day. A discussion of present-day scientific criticism of the Darwinian selection theories...with a brief account of the principal other proposed auxiliary and alternative theories of species-performing. *New York: H. Holt & Co.*, 1907. xii, 1 l., 402 p. 8°.

Philology.

Armez (Robert). Nouvelle grammaire arabe (arabe littéral). *Paris: Jules Groos*, 1907. x, 445 (1) l. 8°. (Méthode Gaspey-Otto-Sauer.)
Schiff Collection.

Giussani (Carlo). La questione del linguaggio secondo Platone e secondo Epicuro. *Milano: Ulrico Hoepli*, 1896. p. 103–141. sq. f°. (Memorie del R. Istituto Lombardo di Scienze e lettere. Ser. 3, No. 11.)

Hillier (*Sir* Walter Caine). The Chinese language and how to learn it. A manual for beginners. *London: Kegan Paul, Trench, Trübner & Co.*, 1907. vi, 1 l., 263 p., 1 fac-sim. 8°.

Mauthner (Fritz). Die Sprache. *Frankfurt a. M.: Rütten & Loening* [1906]. 119 (1) p. 12°. (Die Gesellschaft. Bd. 9.)

Rost (Paul). Die Sprachreste der Dravänopolaben im Hannöverschen, gesammelt, herausgegeben und mit Wörterverzeichnis versehen. *Leipzig: J. C. Hinrichs' sche Buchhandlung*, 1907. v, 1 l., 451 (1) p. 8°.

Seidel (A[ugust]). Marokkanische Sprachlehre. Praktische Grammatik des Vulgärarabischen in Marokko. Mit Übungsstücken und Vokabular. *Heidelberg: J. Gross*, 1907. viii, 198 p. 12°. (Methode Gaspey–Otto–Sauer.)

Shand (W. J. S.) Japanese self-taught. *London: E. Marlborough & Co.*, 1907. 108 p. 12°. (Marlborough's self-taught series, No. 17.)

Sociology.

Bliss (William Dwight Porter). A handbook of socialism. A statement of socialism in its various aspects, and a history of socialism in all countries. *London: Swan Sonnenschein & Co.*, 1907. x, 291 p., 1 tab. 2. ed. 12°.

Fournière (Eugéne). L'individu, l'association et l'état. *Paris: F. Alcan*, 1907. 2 p.l., 260 p. 8°. (Bibliothèque générale des sciences sociales. [no.] 29.)

Hamel (Gerard Anton van). Inleiding tot de studie van het Nederlandsche strafrecht. *Harlem: De erven F. Bohn*, 1907. 3 p.l., 658 p. 2. ed. 4°.

Meyer (Maximilian). Statistik der Streiks und Aussperrungen im In- und Auslande. *Leipzig: Duncker & Humblot*, 1907. iv, 253 (1) p., 2 diag. 8°.

Niceforo (Alfredo). La police et l'enquête judiciaire scientifiques. Avec préface du docteur Lacassagne. *Paris: Librairie Universelle*, 1907. 4 p.l., vii, 445 p., 1 l. illus. 4°.

Porter (Robert Percival). The dangers of municipal trading. *London: G. Routledge & Sons*, 1907. xiii, 320 p. 8°.

Renard (Georges), *and others*. Le socialisme à l'œuvre. Ce qu'on a fait—ce qu'on peut faire, par G. Renard en collaboration avec Aimé Berthod, Georges Fréville, Adolphe Landry, Paul Mantoux and François Simiand. *Paris: É. Cornély et Cie.*, 1907. 2 p.l., vii, 493 p., 1 l. 12°.

Schraut (Max von). Die persönliche Freiheit in der modernen Volkswirtschaft. Mit einem Geleitwort von Dr. Paul Laband. *Tübingen: J. C. B. Mohr*, 1907. viii, 131 p. 8°.

Steen de Jehay (F. van den), *comte*. De la situation légale des sujets ottomans non-musulmans. *Bruxelles: Société Belge de Librairie; O. Schepens & Cie.*, 1906. 1 p.l., 556 p., 1 map. 8°.
Schiff Collection.

Economics.

Boehm-Bawerk (Eugen von). Zur neuesten Literatur über Kapital und Kapitalzins. *Wien: Wilhelm Braumüller*, 1907. 59 (1) p. 4°.

Eisenbahnen (Die) Afrikas. Grundlagen und Gesichtspunkte für eine koloniale Eisenbahnpolitik in Afrika. *Berlin: C. Heymann*, 1907. 2 p.l., 3–367 (1) p., 1 map. f°.

Favre (Jean). Les banques au Mexique, organisation et développement. *Paris: M. Rivière*, 1907. vi, 92 p., 1 l. 16°. (Bibliothèque du Monde économique.)

Serrell (Lemuel William). The railroad situation in the United States. *New York: Moody Corporation*, 1907. 1 p.l., 542 p., 5 diag., 1 pl. 12°.

Commerce.

Calwer (Richard). Der Handel. *Frankfurt a M.: Rütten & Loening*, 1907. 82 p., 1 l. 12°. (Die Gesellschaft. Bd. 8.)

Dereux (Georges). *De la nature juridique des tarifs de chemins de fer. *Paris: A. Rousseau*, 1906. 2 p.l., 246 p. 4°. (Université de Paris. Faculté de droit.)

Goehre (Paul). Das Warenhaus. *Frankfurt a. M.: Rütten & Loening*, 1907. 147 (1) p. 12°. (Die Gesellschaft. Bd. 12.)

Lambert (Henri). Monographies des grands reseaux de chemins de fer français. *Paris: H. Dunod et E. Pinat*, 1907. 8°.

Industries and Industrial Arts.

Bisset (Peter). The book of water gardening: giving practical information necessary to the selection, grouping and successful cultivation of aquatic and other plants required in the making of a water garden and its surroundings. *New York: A. T. De La Mare Print. & Pub. Co.*, 1907. 1 p.l., 199 p., 2 plans, 2 pl. illus. sq. 8°.

Bjoerling (Philip R.), *and* F. T. Gissing. Peat: its use and manufacture. *London: C. Griffin & Co.*, 1907. xii, 173 p., 11 pl. illus. 12°. (Griffin's scientific text-books.)

Brandeis (Antonie Ruete). Kochbuch für die Tropen...zusammengestellt von Antonie Brandeis geb. Ruete. *Berlin: D. Reimer*, 1907. 2 p.l., 316 p. 8°.

Davidis (Henriette). Praktisches Kochbuch für die gewöhnliche und feinere Küche ... Nach den modernen Anforderungen bearbeitet von Marie Walter. *Leipzig: A. Schumann*, 1907. iv, xxxi (1), 712 p., 1 l., 2 pl. New ed. 12°.

Diedrich (P.) Hebemaschinen. *Berlin: W. & S. Lowenthal*, 1907. 2 p.l., 117–230 p. illus. 4°.

Gregorius (Rudolf). Erdwachs (Zeresin), Paraffin und Montanwachs deren Darstellung und Verwendung. Mit 32 Abbildungen. *Wien: A. Hartleben*, 1908. viii, 286 p. 12°. (Hartleben's chemisch-technische Bibliothek. No. 303.)

Holford (Henry). The 20th century toolsmith and steel-worker. A ... practical and scientific book ... fully illustrated. *Chicago: F. J. Drake & Co.*, 1907. 240 p., 1 pl., 1 port. 12°.

Ketchum (Milo Smith). The design of walls, bins and grain elevators. *New York: Engineering News Pub. Co.*, 1907. 1 p.l., v–xvi, 393 p., 1 chart, 1 diag. illus. 8°.

Miller (Kempster Blanchard). American telephone practice. *New York: McGraw Pub. Co.*, 1905. xvi, 888 p. illus. 4. ed. 4°.

Modern (The) plumber and sanitary engineer... By sixteen specialist contributors under the editorship of G. L. Sutcliffe. With appendices of tables, memoranda ... etc. Illustrated ... Divisional. v. 1–3. *London: The Gresham Publishing Co.*, 1907. 4°.

Moeller (Max). Untersuchungen an Battenträgern aus Eisenbeton. *Berlin: L. Simion Nf.*, 1907. v, 122 p. illus. sq. 4°. Repr.: Verhandlungen des Vereins zur Beförderung des Gewerbfleisses.

Parthiel (Gustav). Die drahtlose Telegraphie und Telephonie. Nach Geschichte, Wesen und Bedeutung für Militär und Marine, Verkehr und Schule. Mit ... Abbildungen. *Berlin: Gerdes & Hödel*, 1907. viii, 221 p. 2. ed. 8°.

Sazerac de Forge (Léonide). La conquete de l'air. Le problème de la locomotion aérienne. Les dirigeables et l'aviation ... leur applications. Avec 136 gravures. *Paris: Berger, Levrault & Cie.*, 1907. x, 1 l., 378 p., 1 tab. 4°.

Spicer (A. Dykes). The paper trade. A descriptive and historical survey of the paper trade from the commencement of the nineteenth century. *London: Methuen & Co.* [1907] xii, 282 p., 1 l., 2 diag., 5 tab. 8°.

Suplee (Henry Harrison). The mechanical engineer's reference book. A hand-book of tables, formulas and methods for engineers, students and draftsmen. *Philadelphia: J. B. Lippincott Co.* [1907] xii, 5–922 p. 3. ed. 16°.

Military and Naval Art and Science.

Calvert (Albert Frederick). Spanish arms and armour, being a historical and descriptive account of the royal armoury of Madrid. *London: J. Lane*, 1907. xxx, 142 p., 146 pl. 12°. (The Spanish series.)

Crescent. The log of H. M. S. "Crescent," flagship. Cape station. 1904-1907. By M. E. Donoghue. *London: The Westminster Press*, 1907. 4 p.l., 224 p., 12 pl. 12°. (The log series. [No. 28.])

Machytka (Wladimir). Die Zerstörung und Beschädigung eiserner Brücken. *Wien: C. W. Stern*, 1907. 3 p.l., 106 p., 1 l., 2 tab. 8°. (Militärtechnische Bibliothek. v. 1.)

Molli (Giorgio). La marina antica e moderna con 320 illustrazioni ed una tavola. *Genova: A. Donath*, 1906. 2 p.l., cxxxii, 608 p., 2 pl. illus. 8°.

Neveu (C.), *and* A. Jouan. Service administratif à bord des navires de l'état. Manuel du commandant comptable et du commissaire. Nouvelle édition à jour jusqu'au No. 36 du Bulletin officiel de 1906. *Paris: A. Challamel*, 1907. xiii (1), 2 l., (1) 4-680 p., 1 l. 4°.

Wilson (C. Holmes). Offence, not defence; or, Armies and fleets. *London: G. Allen*, 1907. x, 169 p., 1 l. 12°.

Philosophy.

Gans (M. E.) Spinozismus. Ein Beitrag zur Psychologie und Kulturgeschichte des Philosophierens. *Wien: J. Lenobel*, 1907. 111 p. 8°.

Hellpach (Willy). Die geistigen Epidemien. *Frankfurt a. M.: Rütten & Loening* [1906]. 100 p., 1 l. 12°. (Die Gesellschaft. Bd. 11.)

Kann (Albert). Die Naturgeschichte der Moral und die Physik des Denkens. Der Idealismus eines Materialisten. *Wien: W. Braumüller*, 1907. xv, 243 p. 8°.

Mechnikov (Ilya Ilyich). Essais optimistes par Elie Metchnikoff. Avec... figures dans le texte. *Paris: A. Maloine*, 1907. 3 p.l., iii, 438 p. 8°.

Nguyen-Dinh. Cours de morale en quôcngu', à l'usage des écoles de l'Indo-Chine. *Saigon: Imprimerie Commerciale*, 1906. 88 p. 2. ed. 8°.

Ollé-Laprune (Léon). La raison et le rationalisme. Préface de M. Victor Delbos. *Paris: Perrin et Cie.*, 1906. liii, 272 p. [2. ed.] 12°.

Picton (James Allanson). Spinoza. A handbook to the Ethics. *New York: E. P. Dutton & Co.*, 1907. viii, 1 l., 264 p. 12°.

Régismanset (Charles). Philosophie des parfums. *Paris: E. Sansot & Cie.*, 1907. 77 p., 1 l. 16°. (Petite collection "Scripta brevia.")

Richter (Paul). Psychologie für Lehrerbildungsanstalten. *Leipzig: B. G. Teubner*, 1907. viii, 165 p. 8°. (Einheitliches Lehrbuch für den pädagogischen Unterricht an Lehrerbildungsanstalten. Teil 1.)

Saitschick (Robert). Quid est veritas? Ein Buch über die Probleme des Daseins. *Berlin: Ernst Hofmann & Co.*, 1907. 3 p.l., (1) 4–316 p. 12°.

Saltus (Edgar). The lords of the ghostland: a history of the ideal. *New York: M. Kennerley*, 1907. 215 p. 12°.

Schlaf (Johannes). Der "Fall" Nietzsche. Eine Überwindung. *Leipzig: Theod. Thomas*, 1907. vii, 330 p. 8°.

Schultz (Wolfgang). Pythagoras und Heraklit. *Leipzig: Akademischer Verlag*, 1905. 118 p. 8°. (Studien zur antiken Kultur.)

Systematische Philosophie von W. Dilthey, A. Riehl, W. Wundt, W. Ostwalt, H. Ebbinghaus, R. Eucken, F. Paulsen, W. Muench, T. Lipps. *Berlin: B. G. Teubner*, 1907. viii, 432 p. 4°. (Die Kultur der Gegenwart. Teil 1. Abt. 6.)

Thomas (Northcote Whitridge). Thought transference. A critical and historical review of the evidence for telepathy, with a record of new experiments, 1902–1903. *New York: Dodge Pub. Co.* [cop. 1905.] viii, 214 p., 7 pl. 12°.

Wang Ch'ung. Lun-hêng. Translated from the Chinese, and annotated by A. Forke. Pt. 1. *Leipzig: O. Harrassowitz*, 1907. 8°.

Westermarck (Eduard). Ursprung und Entwickelung der Moralbegriffe. Deutsch von Leopold Katscher. v. 1. *Leipzig: Werner Klinkhardt*, 1907. 4°.

Religion.

Barnabas, *Saint.* The Gospel of Barnabas. Edited and translated from the Italian MS. in the Imperial Library at Vienna, by Lonsdale and Laura Ragg. *Oxford: The Clarendon Press*, 1907. lxxvi, 3 l., (1) 4–500 p., 1 facsim. 8°.

Hangi (Anton). Die Moslim's in Bosnien-Hercegovina. Ihre Lebensweise, Sitten und Gebräuche. Autorisierte Uebersetzung von Hermann Tausk. *Sarajevo: D. A. Kajon*, 1907. vi, 1 l., 267 p., 12 pl. 8°.

Perry (E. Guthrie). Hymnen und Gebete an Sin. *Leipzig: J. C. Hinrichs*, 1907. vi, 50 p., 4 facsim. 8°.

Reckendorf (H.) Mohammed und die Seinen. *Leipzig: Quelle & Meyer*, 1907. 2 p.l., 134 p. 12°. (Wissenschaft und Bildung. Einzeldarstellung aus allen Gebieten des Wissens. hrsg. von Dr. P. Herre. 2.)

Schiff Collection.

Stacy (James). Hand-book of prophecy, containing a brief outline of the prophecies of Daniel and John, together with a critical essay on the second event. *Richmond: Presbyterian Committee of Publication* [cop. 1906]. 149 p. 12°.

Statham (F. Reginald). The religion of consciousness: a suggestion for to-day. *London: Kegan Paul, Trench, Trübner & Co.*, 1907. xii, 147 (1) p. 8°.

Swedenborg (Emanuel). Commentary on the Gospel according to Matthew, compiled from the theological works of Emanuel Swedenborg, by Robert S. Fischer and Louis G. Hoeck. *Boston: The Massachusetts New-Church Union*, 1906. ix, 450 p. 12°.

Walsh (James J.) Catholic churchmen in science. Sketches of the lives of Catholic ecclesiastics who were among the great founders in science. *Philadelphia: Amer. Ecclesiastical Review*, 1906. viii, 2 l., 3–221 p., 6 port. 12°.

Valentine (Milton). Christian theology. *Philadelphia: Lutheran Publication Soc.* [1906] 2 v. 8°.

Vedas: *Upanishad.* Die Geheimlehre des Veda. Ausgewählte Texte der Upanishad's. Aus dem Sanskrit übersetzt von Dr. Paul Deussen. *Leipzig: F. A. Brockhaus*, 1907. xxiii (1), 221 (1) p. 2. ed. 8°.

Zaidan (George). Umayyads and 'Abbásids, being the fourth part of Jurjí Zaydán's History of Islamic civilization. Translated by D. S. Margoliouth... Printed for the trustees of the "E. J. W. Gibb Memorial." *Leyden: E. J. Brill*, 1907. xiv, 1 l., 325 p. 8°. ("E. J. W. Gibb memorial" series. v. 4.)

Schiff Collection.

PRINCIPAL DONORS IN SEPTEMBER.

	VOLS.	PMS.
American Agriculturist	1	12
Australia, Parliament of	3	9
Ayres, Miss M.	23	
Bancroft, Hubert Howe	1	
Bologna, Italy, Il Sindaco	2	
Bradford, Mrs. E. D.	22	
Brandegee, Frank B.		1
British Guiana, Govt. Sec.		5
Calcutta, Imperial Library	2	
California, Library Assoc.		6
Cape of Good Hope, Col. Sec.	2	8
Carnegie Library of Atlanta, Georgia		16
Ceylon, Colonial Secretary	2	
City Record, The Supervisor	2	
Coblenz, Germany, Handelskammer	2	
Conn. State Library	4	3
Cook County Repub. Headquarters		7
Courtenay, Hon. Wm. A.	1	
Cutajar, Mrs.	8	
Davison Publishing Co.	2	
De Sola, Mr. J. C.	35	22
Denmark, Rigsdagens Bureau	8	
Draper, Mrs. Henry	3	
Duffield & Co.	1	
Egypt, Ministry of Finance, Statist. Dept.	1	1
Ellis, Mrs. W.	31	
Elwell, Miss Mary	8	142
General Inst. for the Blind, Birmingham, Eng.	1	
Great Yarmouth, Eng., Borough Accountant	1	
Henry Phipps Inst.	2	
Imperial Earthquake Investigation Committee	1	2
Imperial Russian Geographical Society.	1	2
India Portugueza, Gov. Geral	2	
Iowa, Auditor of the State	7	
John Rylands Library		4
Jugoslavenska Akademija	3	
Knoll & Co.		19
Lehigh University	6	
Library of Congress	1	
London Chamber of Commerce	3	
London School of Tropical Medicine	1	10
London, Town Clerk	1	
Los Angeles, Chamber of Commerce		24
Maritime Association of Port of New York	2	
Maryland Geological Survey	4	
Melrose, Mass., City Clerk	2	
Methodist Library	4	26
Mitchell, Dr. S. Weir	2	
Morgan, J. Pierpont	1	
Netherlands, Min. van Kolonien	5	
New Jersey, Adjt.-General	14	38
New Jersey, Custodian of the Capitol	1	2
New Mexico College of Agriculture		4
New York State, Att.-Gen.	2	
New York State, Educ. Dept.		11
New York State Engineer and Surveyor	3	
New York State, Public Service Com.		17
Odilien Anstalt für Blinde in Steiermark	1	1
Ontario, Dept. of Crown Lands	2	
Padova, Italy, Il Sindaco	10	
Paisley Philosophical Inst.		5
Pease, H. O.	25	
Players, The	1	
Presbyterian Church, General Assembly	2	
Publishers' Weekly	92	57
Quebec, Legis. Assembly	2	22
Root, Hon. Elihu	18	
Rosenthal, Hermann	5	
St. Petersburg, Imperial University	3	
Sassari, Italy, The Governor	7	
Schernikow, Ernest	15	125
Scientific American	3	320
Spalding, Rev. George B.		1
Tasmania, Govt. Statistician	2	
Theta Delta Chi Fraternity	3	
Tuthill, Mr. B. C.	8	
Upsala, Kongl. Universitets-Biblioteket	2	
Victoria, Legis. Assembly	3	
Western Electric Co.		644
Wiesbaden, Der Landhauptmann	1	

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

UNIVERSITY OF TORONTO
NOV 18 1907
LIBRARY

NOVEMBER 1907

VOLUME XI · NUMBER 11

Report for October 507–511
List of Works relating to Hydraulic Engineering, Part I. 512–552
Principal Accessions in October 553–555
Principal Donors in October 556

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
23d Street, 228 East. Between 2d and 3d Avenues. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

VOL. XI. NOVEMBER, 1907. No. 11.

REPORT FOR OCTOBER.

REFERENCE DEPARTMENT.

During the month of October there were received at the Library, by purchase, 831 volumes and 633 pamphlets; by gift, 1,189 volumes and 2,076 pamphlets; and by exchange, 41 volumes and 31 pamphlets, making a total of 2,061 volumes and 2,740 pamphlets.

There were catalogued 3,889 volumes and 4,046 pamphlets; the number of cards written was 4,643, and of slips for the copying machine 3,562; from the latter were received 14,772 cards.

The following table shows the number of readers, and the number of volumes consulted, in both the Astor and Lenox Branches of the Library, also the number of visitors to the Print Exhibition at the Lenox during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	4,591	14,215	2,561	16,776	21,367
No. of readers	1,984	14,215	2,561	16,776	18,760
No. of readers, desk applicants	1,110	14,161	2,507	16,668	17,778
No. of volumes consulted by desk applicants	5,872	50,774	7,048	57,822	63,694
Daily average of readers	74	526	93	619	693
No. of visitors to Print Exhibition, etc.	2,524				

CIRCULATION DEPARTMENT.

The most popular books of the month were (in non-fiction): Ibsen's Plays, Benson's "From a College Window," Hill's "Fighting a Fire"; (adult fiction): Chambers' "The Younger Set," Parker's "The Weavers," Burnett's "The Shuttle"; (juvenile fiction): Barbour's "Crimson Sweater," Lang's Fairy Books, Craik's "Little Lame Prince."

CIRCULATION STATISTICS FOR OCTOBER.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	9,538	2,599	297	1,910	1,913	174
East Broadway, 197	17,351	3,787	918			228
Rivington Street, 61	15,901	3,141	613	12,915	13,165	419
Le Roy Street, 66	7,734	2,711	181	1,588	4,102	98
Bond Street, 49	7,671	781	242	1,706	3,626	218
8th Street. 135 Second Avenue	15,044	918	318	2,890	3,123	231
10th Street, 331 East	15,078	2,952	526	3,242	3,626	503
13th Street, 251 West	8,016	1,645	150	1,923	3,005	149
23d Street, 228 East	9,321	3,528	1,164	2,179	4,787	989
23d Street, 209 West	11,366	5,007	255			168
34th Street, 215 East	5,881	2,299	116			402
40th Street, 501 West	3,395		61			85
42d Street, 226 West	11,626	751	557			173
50th Street, 123 East	5,510	916	175	241	317	135
51st Street, 463 West	4,181	183	165	320	521	100
58th Street, 121 East	12,914	2,230	583	3,818	3,818	276
67th Street, 328 East	11,986	1,251	310	600	1,892	191
69th Street. 190 Amsterdam Avenue	10,447	991	241	3,100	4,075	194
Travelling Libraries	41,143					818
77th Street. 1465 Avenue A	13,581	560	355	1,324	4,354	74
79th Street, 222 East	17,688	2,256	357	2,938	5,286	189
81st Street. 444 Amsterdam Avenue	14,713	2,594	362	1,565	1,673	236
Blind Library	925		10			283
96th Street, 112 East	19,211	1,737	552	1,464	2,795	176
100th Street, 206 West	16,303	4,647	465	2,173	2,619	252
110th Street, 174 East	17,885	4,846	472	1,247	1,412	384
123d Street, 32 West	8,914	255	447	1,580	1,730	260
125th Street, 224 East	10,012	1,335	290	919	1,276	91
135th Street, 103 West	16,518	1,735	417	1,017	2,043	230
145th Street, 503 West	15,707	2,858	615	1,938	3,734	278
156th Street. 922 St. Nicholas Avenue	9,183	3,972	327			156
BRONX.						
140th Street and Alexander Avenue	17,080	786	405	1,793	3,961	162
176th Street and Washington Avenue	18,196	385	418	915	1,640	414
Kingsbridge Avenue, 3041	2,385	1,924	48			46
RICHMOND.						
St. George	7,809	1,566	364	794	1,036	143
Port Richmond	5,379	302	86	570	1,127	80
Stapleton	7,433	2,398	313	477	882	154
Tottenville	2,612	912	41			80
TOTALS	445,637	70,758	13,216	57,146	83,538	9,239

The most important gift of the month was a collection of 636 pieces, Russian official documents secured for the Library from the Russian Ministries of Agriculture, Finance, Foreign Affairs, War, Interior, Justice, and the Senate, by Count Mikhail Mikhailovitch Perovsky-Petrovo-Solovovo, through Miss Isabel F. Hapgood. Particularly worthy of mention are the files of the Army Annual and the Bulletins of the Military-Medical Academy received from the Ministry of War; the Journal of the Postal–Telegraph Department (1888–1906) from the Ministry of the Interior; about 200 volumes from the Senate, containing the record of its decisions as the court of appeals in general, civil, criminal cases, etc., for the last forty years; a file of the consular reports (1898–1907) from the Ministry of Foreign Affairs; the Journal of the Ministry of Justice (1903–1907); and about 150 monographs issued by the Ministry of Agriculture relating to various topics of rural economics.

Other gifts worthy of mention were received from: The American–Swedenborg Printing & Publishing Co., a "Bibliography of the works of Emanuel Swedenborg, original and translated, by Rev. James Hyde," London, 1906; from William H. Bixby, a copy of "Hamilton's Itinerarium, being a narrative of a journey from Annapolis, Md., through Delaware, Pennsylvania . . . from May to September, 1744," by Dr. Alexander Hamilton, edited by Albert B. Hart, printed for private circulation by William K. Bixby, St. Louis, 1907; from the Brazilian Minister for Foreign Affairs, 42 volumes and 15 pamphlets, all Brazilian documents, secured by Professor Leo S. Rowe; from Stewart Culin, a set of 36 facsimile letters relating to the raising of a fund to establish a chair in memory of Dr. Daniel G. Brinton; from the De Vinne Press, a copy of its newly issued specimen book, entitled "Types of the De Vinne Press"; from Henri Guyot, a copy of "L'infinité divine depuis Philon le Juif jusqu'a Plotin. Avec une introduction par H. Guyot"; from Harvard University, Bloomfield's "Vedic Concordance," volume 10 of the Harvard Oriental series; from the Lake Superior Canal Semi-Centennial Commission, a copy of "Exercises at the Semi-Centennial Celebration at Sault Sainte Marie, Michigan, August 2 and 3, 1905, together with a history of the canal by John H. Goff . . . edited by Charles H. Moore," Detroit, 1907; from Clarence B. Moore, a copy of his studies in the archæology of the southeastern portions of the United States, entitled "Moundville Revisited," Philadelphia, 1907; from Arthur Huntington Nason, a copy of his "Heralds and heraldry in Ben Jonson's plays, masques and entertainments," University Heights, New York City, 1907; from the Constitutional Convention of Oklahoma, 2 volumes and 1 pamphlet, including the Constitution of the State; from Francis Beaufort Palmer, his "Peerage Law in England," London, 1907; from Frederick G. Pauli, his privately printed "A record of a trip through Canada's wilderness to Lake Chibogamoo . . . in the summer of 1906," New York, 1907; from the City of Richmond, Virginia, 8 volumes of city documents; from Senhor J. C. Rodrigues, Rio de Janeiro, his "Catalogo annotado dos livros sobre o Brasil . . . pertencentes a J. C. Rodrigues," Rio de Janeiro, 1907; from Gino C. Speranza, a collection of 55 volumes and 2 pamphlets, Italian works of fiction, classic literature, art, etc.; from the Swedish Mission, Asmara, Abyssinia, 30 volumes and 2 pamphlets, including vocabularies, reading books, etc., in Tigri, Galla, Amharic and other languages

of North Eastern Africa, all publications of the Mission; and from the estate of William Ziegler, a copy of "The Ziegler Polar expedition, 1903–5, A. Fiala, Commander . . . edited by John A. Flemming, published under the auspices of the National Geographic Society by the Estate of William Ziegler," Washington, D. C., 1907.

Gifts were received for the German–American collection from Mrs. Fernande Richter, from the National German-American Alliance, from Rev. John Rothensteiner, from Mrs. Emma L. Seidensticker, and from the Allgemeiner Deutscher Sprachverein in Berlin.

At the LENOX branch the exhibition of modern German etchings, lithographs and wood-engravings remained on view, as did also the book plates and other engravings by E. D. French, and the permanent exhibits of Japanese prints from the Charles Stewart Smith collection, and the Century Company collection of picture-printing methods. At the ASTOR branch the plates from H. S. Williams' "History of the Art of Writing" were replaced by color plates from "Ancient Oriental Carpets" (published by the Imperial Austrian Museum of Art and Industry), while the exhibit of American etchings, lithographs, and engravings remained on view.

Picture bulletins and temporary collections of books on special shelves at the circulation branches were as follows: RIVINGTON STREET, Alexander Hamilton, Ralph W. Emerson, Edgar A. Poe, James R. Lowell, Walt Whitman, South Africa; HUDSON PARK, Stories for little folks, What the book says to you, Italy, Knights of the Round Table, Dogs; BOND STREET, Sports, American Citizenship, Opportunities for higher education in New York City, Recent economic changes, Structure and function of the human body, First aid, Across South America; TOMPKINS SQUARE, Money question, Municipal ownership, Opera, Venice, Surrender of Burgoyne, Lists in connection with public lectures; OTTENDORFER, Sun and stars, In the days of Cromwell, Colonial New York, Ghost stories, Science, Composers; EPIPHANY, Autumn, Harvest days; MUHLENBERG, Witches' night, Architecture; 34TH STREET, Public lecture reading lists; GEORGE BRUCE, Books for the younger children; 58TH STREET, British dominion beyond the sea, Greek art, Japanese drawings of the chrysanthemum, The five senses; 67TH STREET, Songs and dances, When first we go to school, Books on photography; WEBSTER, Bohemian costumes and villages; RIVERSIDE, Caricatures by Max Beerbohm, Fairy tales, School stories, Theatre; ST. AGNES, Poems of nature; 96TH STREET, Railroad stories, Out of town in October; BLOOMINGDALE, Poems, Familiar paintings, Charles Dickens, Beethoven, Panama Canal; AGUILAR, Burns and Scotland, Algiers, Ramona and the land of sunshine, Shakespeare, Federation of the world, Architecture, sculpture and painting; 125TH STREET, England, Pirate stories, California, Ireland, Light; 135TH STREET, Nursery rhymes and jingles, Indians of North America; HAMILTON GRANGE, Children of other lands, Japan; MOTT HAVEN, New Amsterdam; TREMONT, Views of many cities and classic sculpture, Plates of the Royal House of Stewart; STAPLETON, Fairy tales, The Great West, Football, Fires, Baseball; PORT RICHMOND, Arabian nights, England, Ireland, Plays for the holidays, Scotland, Transportation, Fiction for girls.

In addition there were bulletins on Hallowe'en at nineteen branches, on

new books at five branches, on China at four branches, on Columbus at two branches, on October at two branches, on Thomas Jefferson at two branches, on Henry W. Longfellow at two branches, and on Thanksgiving Day at two branches.

At WEBSTER was shown, through the courtesy of Miss Emily Green Balch, of Wellesley, a loan exhibition of specimens of Slovak and Bohemian embroidery and needle work, native costumes, dressed dolls, etc., supplemented by a collection of modern Bohemian needle work done by housewives of the neighborhood.

At 67TH STREET was exhibited a collection loaned by the American Museum of Natural History, illustrative of Arctic life, Eskimo work and industry, etc.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO HYDRAULIC ENGINEERING.

Titles printed here are a selection only. Exclusion has been most rigorous in the case of magazine articles, for which the reader must be referred to the public (card) catalogue in the reading room, and to the printed indexes of this literature, e. g. "Engineering Index," "Repertorium der Technischen Journalliteratur," etc.

Much valuable material, furthermore, will be found in catalogues of such libraries as the American Society of Civil Engineers, and in the indexes to the annual reports and collected papers of the United States Army Engineers, The British Corps of Royal Engineers, and the other professional papers of similar character.

The "Index of Economic Material in Documents of the States of the United States," prepared for the Carnegie Institution by Miss A. R. Hasse, contains many references to hydraulic engineering, canals, water supply, etc.

Resistance of ships, etc., was considered in the List of Works on Navigation printed in the Bulletin, June–Sept., 1907.

Order of Arrangement:

Bibliography.
History.
General Works on Hydromechanics, Hydraulics, Hydraulic Engineering, etc.

[Special Topics.]

Aqueducts.
Breakwaters, Moles, and Harbor Jetties.
Canal Construction.
Cement and Mortar (Hydraulic).
Culverts.
Dams, Weirs, and Reservoirs.
Docks, Piers, and Wharves.
Drainage.
Dredges.
Elevators (Hydraulic).
Harbors.
Irrigation.
Laboratories (Hydraulic).
Levees, Dikes, Embankments.
Locks (Canal and River).
Meters (Water).
Pipes and Conduits.
Press (Hydraulic).
Pumps.
Rivers.
Tanks, Towers, and Stand Pipes.
Water Power, Mills, Wheels, etc.
Water Supply.
Wells.

Bibliography.

Burnell (George Rawdon). Bibliography; or, [classified] List of the Principal Authors who have written upon various subjects connected with Hydraulic Engineering, and consulted in preparing this Treatise. (In: Law (H.) Civil engineering. v. 3, pt. 2, pp. 178–184. *London*, 1852. 8°.)

Mead (D. W.) Literature. (In his: Notes on hydrology... [*Chicago*,] 1904. 8°. pp. 6, 35–36, 39, 43, 87–88, 92, 110, 117, 149–150, 156–158, 168–169, 183, 187, 197–198, and 202.)

History.

Barbet (L. A.) Die Wasserkünste von Versailles. (Ztschr. f. Elektrotech. u. Maschinenbau. Jahrg. 23, v. 9, pp. 409–413; 432–435; 488–490. *Potsdam*, 1906.)

Crane (Johannes Willem de). Levensschets van Willem Loré [with] De voornaamste dijk-en water-werken van Willem Loré, geschiedkundig beschreven door W. Eekhoff. *Franeker: G. Ypma*, 1835. viii, 86 p., 1 l. nar. 8°.

Davis (Charles). Report on hydraulic engineering. *Washington*, 1876. (In: U. S. Com. to Internat. Exhib., Vienna, 1873. Repts., v. 3. 1876.) pl. 8°.

Flamant (A. A.) Canaux, ports-maritimes et fluviaux. pp. 2–118. (In: Revue technique de l'Expos. Univ. de 1889; 3. ptie. [travaux publics]) *Paris*, 1893. 4°.

Fossombroni (V.) Memorie Idraulico-Storiche sopra la Val-di-Chiana. *Firenze*, 1789. 4°.

—— same. Terza Edizione. *Montepulciano*, 1835. 8°.

Goudriaan (A. F. van). Memorie ter overweging van het door J. Blanken Jz. ontwerp, ter afsluiting van de rivier de Merwede boven Steenenhoek, bij Hardinxvold. (Amsterdam, Kon. Nederl. Inst. Afzond. Verh., v. 4.) [*Amsterdam*, 1819.] pl. f°.

Graadt van Roggen (D. L.) Notice sur les anciens travaux hydrauliques en Susiane. 1 pl. (In: Délégation en Perse. Mémoires...v. 7, pp. 167–207. *Paris*, 1905.)

Gsell (S.) Enquête administrative sur les travaux hydrauliques anciens en Algérie. *Paris: Imprimerie nationale*, 1902. 2 p.l., 143 p. 8°. (Bibliothèque d'archéologie africaine.)

Kinderley ( ), *the elder*. The ancient and present state of the navigation of the towns of Lyn, Wisbeach, Spalding, and Boston...with a way laid down how to remedy all the inconveniences and de-

History, cont'd.

fects which they now labour under. 2. ed. [edited by Nathaniel Kinderly] *London: J. Noon*, 1751. xviii, 1 l., 108 p., 1 pl. 8°.

Nuova raccolta. *See below* **Raccolta.**

Raccolta d'autori che trattano del moto dell' acque. *Firenze: Stamperia di Sua Altezza Reale*, 1765–74. 9 v. 2. ed. 4°.

—— Nuova raccolta d'autori italiani che trattano del moto dell' acque. [Edited by Francesco Cardinali.] *Bologna: Jacopo Marsigli*, 1822–24. 9 v. 4°.

T. 5 pub. in 1822. 1, 6, 7, 8–1823. 2, 3, 4, 9–1824.
T. 5–9 4. edition, entitled: Raccolta d'autore italiani.

Contents:

ADDA (Cardinal Ferdinand d'), *and* Cardinal FRANCESCO BARBERINI. Relazione dello stato presente dell' acque che infestano le tre provincie di Romagna, Ferrera, e Bologna con il parere sopra li rimedi propositi . . . pubblicata . . . nell' anno 1715. (Raccolta, v, 175–208.)

ALBIZI (Lorenzo). Ragionamento sopra il bonificare il paese di Pisa. (Raccolta, iv, 1–13.)

ARCHIMEDES. Delle cose che stanno sul liquido. (Raccolta, i, 1–18.)

ARRIGHETTI (Andrea). Lettere originali inedite al P. Abate Castelli [con l'occasione d'una rottura, che ha fatto il condotto, che . . . si va facendo per condurre a' Pitti l'acqua di Montereggio ec.]. (Raccolta, iv, 200–212.)

BACIALLI (Giovanni). Opuscolo sulle pescaie. (Raccolta, ix, 283–290.)

—— Opuscolo . . . sulle pescaie. (Nuova raccolta, vi, 530–539.)

BALIANI (Giovanni Batista). Lettera originale inedita al P. Ab. Castellii [intorno al moto de' fiumi]. (Raccolta, iv, 214–216.)

BERNAREGGI-BARNABITA (Isidoro). Tavole paraboliche. Coll' aggiunta di una breve applicazione delle medesime alla pratica misura delle acque correnti. Prima edizione. Corretta ed aumentata dall' ingegnere Angelo Mazzola. (Nuova raccolta, ii, 301–302.)

BOLOGNINI (Emerico). Memorie dell' antico, e presente stato delle Paludi Pontine, rimedj, e mezzi per disseccarle. (Raccolta, ix, 1–60.)

BONATI (Teodoro). Sperienze in confutazione delle sperienze del Signor Gennetè intorno al corso de' fiumi. (Raccolta, vi, 501–552.)

BORELLI (Giovanni Alfonso). Discorso sopra la laguna di Venezia. Relazione sobra lo stagno di Pisa. (Raccolta, iv, 15–63.)

BOSCOVICH (Ruggiero Giuseppe). Del porto di Rimini memorie. (Nuova raccolta, vii, 345–408.)

BOSCOVICH (Ruggiero Giuseppe). Riflessioni sulla relazione del signor abate Ximenes appartenente al progetto di un nuove Ozzeri nello stato Lucchese. (Nuova raccolta. vii, 199–226.)

BOTTARI (Giovanni), *and* EUSTACHIO MANFREDI. Relazione delle visita del fiume Tevere da ponte nvovo sotto Perugia fino alla foce della Nera. Cominciata il di 26. Ottobre 1732, e terminata il di 3. Dicembre. (Raccolta, vii, 200–220.)

BREVE confutazione d'una scrittura pubblicata in Modana col titolo di Ragguaglio ec. Per ciò, che concerne la causa del Reno, e gli effetti, che cagionerebbe mettendosi nel Po di Lombardia. (Raccolta. vi, 1–15.)

BRUSCHETTI (Giuseppe). Istoria dei progetti e delle opere per la navigazione interna del Milanese. (Nuova raccolta, iv, 214–441.)

CARRÉ (Louis). Problema idrostatico. (Raccolta, ii, 193–4.)

CASTELLI (Benedetto). Della misura dell' acque correnti. (Raccolta, i, 97–214.)

—— Scrittura . . . sulle Paludi Pontine . . .; . . . intorno alla bonificazione universale di Bologna, Ferrara e Romagnola; . . . sopra la mola di Genzano; lettera . . . intorno le mole di Monte Rotondo; scrittura . . . sopra il Lago di Bientina; &c., &c. (Raccolta, iv, 167–193.)

COMPENDIO, ed esame del libro pubblicato in Modena col titolo: Effetti dannosi, che produrrà il Reno se sia messo in Po di Lombardia ec. (Raccolta, v, 443–563.)

COUPLET ( ). Ricerche intorno al moto dell' acque. (Raccolta, iii, 249–290.)

FOCACCI (Francesco). Metodo per coreggere le altezze eccessive della pescaie e per migliorare gli idraulici edifizj per mezzo principalmente di cateratte oscillanti. (Nuova raccolta, ii, 113–138.)

FOSSOMBRONI (Vittorio). Opere idrauliche. Con una dissertazione idrometrica del Cav. Pietro Paoli. *Bologna: Marsigli*, 1824. 4 p.l., 365 p., 1 diagr., 4 maps, 2 pl. 4°. (Nuova raccolta. Tomo 3.)

FERRARI (Francesco Bernardino). Lettera al ch. Eustachio Zanotti sul grande sostegno ora distrutto chiamato la Conga grande di Paderno presso l'Adda. (Nuova raccolta, iv, 178–184.)

—— Lettera al Signor Conte Don Gaetano di Rogendorf sulle bocche che estraggono acqua dai navigli o sia canali navigabili di Milano. (Nuova raccolta, iv, 185–196.)

—— Sopra la costruzione delle chiuse per la derivazione de' canali regolati dissertazione. (Nuova raccolta, iv, 197–213.)

FRISI (Paolo). Dei fiumi, e dei torrenti libri tre. (Nuova raccolta, vi, 163–293.)

—— Del modo di regolare i Fiumi e i torrenti libri tre. Seconda edizione accresciuta. (Raccolta, vii, 439–580.)

G. (J. B. D. C. D.) Dissertazione sopra i torrenti. (Raccolta, vii, 233–272.)

—— Dissertazione sopra i torrenti. (Nuova raccolta, vi, 294–332.)

GALILEI (Galileo). Discorso . . . intorno alle cose che stanno in su' l'acqua o che in quella si muovono. (Raccolta, i, 19–96.)

—— Lettere originali al P. Abate Castelli [del progresso ¡draulico]. (Raccolta, iv, 193–199.)

—— Lettera sopra il fiume Bisenzio. (Raccolta, i, 213–232.)

GENNETÈ (Claude Leopold). Esperimenti sopra il corso de' fiumi, lettera ad un rappresentante, o sia maestrate olandese. . . . Tradotta dal Francese. (Raccolta, iii, 458–516.)

GRANDI (Guido). Del movimento dell' acque. (Raccolta, iii, 1–144.)

—— Relazione sopra il Valdarno inferiore. Esame del progetto del nuovo mulino proposto nell' albereta dell' Anconella. Relazione [sulla derivazione d'acque fatta dal Rio della Fraga]. Relazione sopra una corrosione del fiume Evola. (Raccolta, ix, 231–282.)

—— Riflessioni . . . circa l'alzamento d'una pescaia nel Fiume Era. Stampate in Pisa 1714, ora rivedute . . . [Relazioni] . . . circa il Padule di Fucecchio, e danni che cagiona a Bellavista . . . (Raccolta, vii, 51–199.)

GUGLIELMINI (Giovanni Domenico). Lettera prima [e seconda] a Goffredo Guglielmo Leibnitzio all' . . . Antonio Magliabechi [circa alcune materie appartenenti all' idraulica]. (Raccolta, iv, 271–302.)

—— Lettera terza idrostatica. (Raccolta, vii, 221–232.)

—— Misura dell' acque correnti ricercata con nuova metodo. (Raccolta, i, 313–420.)

—— Della natura de' fiumi trattato fisico-mattematico. Pubblicato per la prima volta in Bologna l'anno 1697. Nuova edizione con le annotazioni del Sig. Eustachio Manfredi. Aggiuntevi alcune annotazioni degli editori. (Raccolta, ii, 195–563.)

—— Parere . . . sopra l'inalveazione delle' acque del Reno e del resto dei torrenti del Bolognese e della Romagna. (Raccolta, vi, 337–352.)

—— Scritture . . . sopra varj proggetti fatti per la diversione del Reno. Dal dottor Eustachio Manfredi ordinate, e corredate di titoli, ed avvertimenti . . . (Raccolta, v, 1–174.)

JACQUIER (François), *and* THOMAS LESEUR. Parere di due mattematici sopra diversi progetti intorno al regolamento dell' acque delle tre provincie di Bologna, Ferrara e Romagna . . . (Raccolta, vi, 273–300.)

LECCHI (Giovanni Antonio). Piano della separazione, inalveazione, e sbocco de' tre torrenti di Tradate, del Gardaluso e del Bozzente. (Raccolta, vii, 273–413.)

—— Trattato de' canali navigabili. (Nuova raccolta, iv, 5–177.)

LECCHI ([Giovanni Antonio]), TOMMASO TEMANZA, *and* [GIOVANNI] VERACE. Relazione della visita alle terre danneggiate dalle acque di Bologna, Ferarra, e Ravenna ec. (Raccolta, vi, 345–500.)

LORGNA (Antonio Mario). Discorso intorno al riparare dalle inondazioni dell' Adige la città di Verona. (Raccolta, vii, 415–437.)

—— —— (Nuova raccolta. ii, 5–61.)

—— Del modo di migliorare l'aria di Mantova. (Raccolta, ix, 411–443.)

M. (G. B.) Notizie storiche intorno all' origine, ed alla formazione del canale naviglio di Bologna. (Nuova raccolta. iv, 483–565.

History, cont'd.

MANFREDI (Eustachio). Dialoghi fra Giorgio, Maurello, e Petronio, ne' quali si esamina la scrittura pubblicata in Ferrara col nome di Alberto Valdimagro intorno all' alzamento, che produrrebbe nel Po l'immissione del Reno. Giustificazioni delle misure stabilite ne' dialoghi [by Francesco Bianchini]. (Raccolta, vi, 109-212.)

—— Opere idrauliche. *Bologna: Marsigli*, 1822. lxii, 1 l., 440 p., 2 diag., 1 map. 4°. (Nuova raccolta. Tomo 5.)

—— Relazione sopra l'alzarsi che fa di continuo la superficie del mare. Parere intorno alla pescaia da fabbricarsi nel fiume Era. (Raccolta, vii, 27-50.)

—— Risposta . . . alle ragioni de' Signora Ceva, e Moscatelli [dell' antico, e nuovo corso del Po, e del Reno ec.] (Raccolta, v, 251-413.)

MARIOTTE (Edme). Trattato . . . della maniera di livellare colla descrizione di alcuni livelli inventati di nuovo. (Raccolta, iii, 225-247.)

—— Trattato del moto dell' acque e degli altri corpi fluidi, dato alla luce dal Sig. de la Hire . . . colle regole per i getti d'acqua del medesimo Sig. Mariotte. Tradotto dal Francese. (Raccolta, ii, 1-186.)

MASETTI (Giovanni Batista). Descrizione, esame e teoria di tutti i tachimetri idraulici fino ad ora conosciuti. (Nuova raccolta, ii, 393-554.)

MEMORIA che contiene le ragioni per l'unione dell acque del Reno di Bologna col fiume Po. Tradotta dal Francese. Nel quale idioma fu già pubblicata del 1719. (Raccolta, vi, 17-108.)

MENGOTTI (Francesco), *conte*. Idraulica fisica e sperimentale. *Bologna: Marsigli*, 1823. 304 p. 4. ed. 4°. (Nuova raccolta. Tomo 1.)

MICHELINI (Famiano). Trattato della direzione de' fiumi. (Raccolta, i, 233-312.)

MONTANARI (Geminiano). Il mare Adriatico e sua corrente esaminata, e la naturalezza de' fiumi scoperta, e con nuove forme di ripari corretta. . . . Opere postuma. (Raccolta, iv, 65-98.)

NARDUCCI (Tommaso). Il paragone de' canali, considerazione necessaria per ben regolare gli scoli delle campagne. (Raccolta, iii, 145-182.)

NERI (Pompeo), *and* TOMMASSO PERELLI. Relazione . . . sopra il modo di liberare la campagna del Valdarno inferiore dall' inondazioni dell' Usciana. (Raccolta, ix, 155-179.)

PAREA (Carlo). Sulla navigazione interna del Milanese . . . memorie e dettagli descrittivi. (Nuova raccolta, iv, 442-482.)

PARENT (Antoine). Della resistenza de' tubi cilindrici di un dato diametro, e caricati da quantità d'acqua data. Del Sig. Parent. (Raccolta, ii, 187-192.)

PERELLI (Tommaso). Relazione . . . sopra il regolamento dell' acque delle tre provincie di Bologna, Ferrara, e Romagna. (Raccolta, vi, 213-271.)

—— Risposta al parere de . . . padri Seur, e Jacquier sopra i diversi progetti per il regolamento dell' acque delle tre provincie di Bologna, Ferrara, e Romagna. (Raccolta, vi, 301-335.)

—— Sopra la campagna pisana ragionamento. (Raccolta, ix, 87-154.)

—— Sopra la campagna Pisana ragionamento. (Nuova raccolta, vi, 467-529.)

—— Sopra il prolungamento dell' argine dell' Anconella. (Raccolta, ix, 181-229.)

PICARD (Jean). Trattato del livellare. Tradotto del Francese. (Raccolta, iii, 183-224.)

POLENI (Giovanni), *marchese*. Lettera . . . all' . . . Signor Gio. Jacopo Marinoni . . . nella quale si tratta di alcuni esperimenti intorno alle acque correnti. Vi si e aggiunto un libretto di Giovanni Buteone della misura dell' acqua corrente . . . Volgarizzamento dall' edizione latina dell' anno 1724 . . . (Raccolta, iii, 439-457.)

—— Del moto misto dell' acqua e di molte cose appartenenti alle lagune, ai porti, ed ai fiumi libri due. . . . Volgarizzati dall' edizione latina l'anno 1717. . . . (Raccolta, iii, 291-390.)

—— Del moto misto dell' acqua. (Nuova raccolta, vi, 5-162.)

—— Delle pascaje o cateratte di lati convergenti per le quali si derivano l'acque de' fiumi e della forza della percossa libro uno. Volgarizzato dall' edizione latina dell' anno 1718. . . . (Raccolta, iii, 391-438.)

RAPPINI (Gaëtano). Relazione, e voto . . . sopra il disseccamento delle paludi Pontine. (Nuova raccolta, vii, 511-548.)

REPLICA de' Bolognesi ad alcune considerazioni de Ferraresi altre volte da essi dedotte, e rigettate da' voti de' mattematici, e de' visitatori apostolici, e nuovamente prodotte. (Raccolta, v, 415-439.)

RIVIERA (Domenico). Relazione, e voto . . . per rigonoscere lo stato del Reno del Panaro, e del Po, e l'accrescimento de' danni cagionati dal primo [fatto] l'anno 1716. (Raccolta, v, 209-250.)

SANI (Angelo). Relazione dell' accesso alle Paludi Pontine (Raccolta, ix, 61-86.)

SERIE di scritture, e relazioni concernenti il regolamento delle acque delle tre provincie di Bologna, Ferrara, e Romagna. *Bologna: Marsigli*, 1824. 559 p. 4°. (Nuova raccolta. Tomo 9.)

—— —— (Raccolta, iv, 303-530.)

TADINI (Antonio). Del movimento e della misura delle acque correnti. (Nuova raccolta, ii, 139-300.)

TORRICELLI (Evangelista), *and others*. Scritture, e relazioni . . . sopra la bonificazione della Chiana. Presentate in diversi tempi al . . . Principe Leopoldo. In questa edizione per la prima volta date alla luce. (Raccolta, iv, 99-166.)

VIVIANI (Vincenzio). Discorso . . . intorno al difendersi da' riempimenti, e dalle corrosioni de' fiumi applicate ad Arno in vicinanza della Città di Firenze. Relazione intorno al riparare, per quanto possibil sia, la città e campagne di Pisa dall' inondazioni. (Raccolta, iv, 217-269.)

XIMENES (Leonardo). Informazione . . . intorno alle riflessioni del Sig. abate Boscovich ed intorno all' esame del signor Eustachio Zanotti. (Nuova raccolta, vii, 254-344.)

—— Memoria idrometrica presentata per parte della Romagna, in risposta al parere de' due matematici intorno a' progetti sul regolamento delle acque Bolognesi. (Raccolta, ix, 323-409.)

—— —— (Nuova raccolta, vii, 409-492.)

—— Opusculo idraulico intorno agli effeti, che fanno nelle piene di un fiume i nuovi ostacoli collocati a traverso al suo fondo, in cui si esamina il problema del Sig. Zendrini. (Nuova raccolta, vii, 493-510.)

—— Opuscolo intorno alla natura, effeti, e principj della nuova macchinetta idraulica presentata a S. A. R. . . . dal Sig. de Valtraverss Svizzero. (Raccolta, ix, 291-321.)

ZANOTTI (Eustachio). Esame del progetto del nuove Ozzeri. (Nuova raccolta, vii, 227-254.)

—— Opuscoli e scritture idrauliche. (Nuova raccolta, vii, 7-197.)

—— Ragionamento sopra la disposizione dell' alveo dei fiumi verso lo sbocco in mare. Scandagli di alcuni fiumi che sboccano in mare su la spiaggia di Ravenna. (Raccolta, vii, 1-26.)

ZENDRINI (Bernardino). Delle acque correnti e relazione per la diversione de' fiumi Ronco e Montone dalla città di Ravenna. *Bologna: Marsigli*, 1823. xxiii, 432 p., 11 pl., 1 map. 4°. (Nuova raccolta. Tomo 8.)

—— Leggi e fenomeni, regolazioni, ed usi delle acque correnti. Relazione del medesimo per la diversione de' fiumi Ronco, e Montone dalla città di Ravenna. xxxii, 477 (1) p., 1 l., lix p., 1 map, 12 pl. (Raccolta, viii.)

ZULIANI (Pietro). Dissertazione sopra il quesito Qual vantaggi o danni, e in quale stato d'acqua produca nel sistema generale d'un fiume la moltiplicità de' suoi sbocchi nel mare. . . . (Nuova raccolta, ii, 62-112.)

Siedek (R.) Reiseskizzen über alte und neue egyptische Bauten. (Zeitschr. d. oesterr. Ingenieur u. Architekten Vereines. Jahrg. 52, pp. 73-77. *Wien*, 1900.)

Vossius (G.) De instrumentis hydraulicis. (In: Thes. antiq. sacr., v. 32. 1767) il.

Vigreux (L.), and F. LOPPÉ. L'hydraulique à l'exposition. pp. 3-255. (In: Revue tech. de l'Expos. Univ. de 1889; 7 ptie., t. 1.) *Paris*, 1893. 4°.

Zendrini (B.) Memorie storiche dello stato antico e moderno delle lagune di Vinezia. *Padoua*, 1811. 2 v. maps. f°.

GENERAL WORKS.

Hydro-mechanics, Hydrodynamics, Hydrostatics, Hydraulics, Hydraulic Engineering.

Adams (Alton D.) Electric transmission of water power. *New York: McGraw Pub'g Co.*, 1906. 2 p.l., 335 p. illus. 8°.

General Works, cont'd.

Ahlborn (Friedrich). Hydrodynamische Experimentaluntersuchungen. [With discussion.] (Jahrb. d. Schiffbautechnischen Gesellsch. v. 5, pp. 417–453. *Berlin*, 1904.)

—— Über den Mechanismus des Hydrodynamischen Widerstandes. 59 p., 16 pl. (Abhandl. a. d. Gebiete d. Naturwissenschaften. v. 17. *Hamburg*, 1902.)

Aird (C. K.) Ueber den Begriff eines hydraulischen Momentes der Kanalquerschnitte. (Ztsch. f. Architektur u. Ingenieurwesen. Heft-Ausgabe. v. 46 (n. s. v. 5), col. 401–416. *Hannover*, 1900.)

—— Ueber die Luftreibung am Spiegel der Ströme. (Ztschr. f. Architektur u. Ingenieurwesen. Jahrg. 1901. v. 47 (n. s. v. 6), col. 463–486. *Wiesbaden*, 1901.)

Alembert (J. le R. d'). Essai d'une nouvelle theorie de la resistance des fluides. *Paris*, 1752. 8°.

—— Traité de l'équilibre et du mouvement des fluides, pour servir de suite au traité de dynamique. Nouv. édition. *Paris*, 1770. pl. sq. 8°.

Alexandex (Connel William Long). The resistance offered to the flow of water in pipes by bends and elbows. (Minutes of Proc. Inst. of Civil Engineers. v. 159, pp. 341–364. *London*, 1905.)

Alibrandi (Pietro). Alcune ricerche analitiche sul moto permanente dei liquidi. (Annali d. soc. degli ingegneri e degli archit. Ital. anno 15, pp. 269–338. *Roma*, 1900.)

—— Problemi sul moto dell' acqua a traverso terreni permeabili. (Annali d. Soc. d. ingeg. e degli architetti italiani. Anno 19, pp. 117–164. *Roma*, 1904.)

—— Sopra una causa d'errore nel calcolo delle portate delle bocche a battente. (Annali d. Soc. degli ingegneri e degli architetti italiani. anno 16, pp. 29–41. *Roma*, 1901.)

Allievi (L.) Teoria generale de moto perturbato dell' acqua nei tubi in pressione. (Annali d. Soc. d. ingegneri e d. architetti italiani. anno 17, pp. 285–325. *Roma*, 1902.)

—— Théorie générale du mouvement varié de l'eau dans les tuyaux de conduite. (Rev. d. mécanique. v. 14, pp. 10–22; 230–259. *Paris*, 1904.)

Aubuissons de Voisins (J. Fr. d'). Traité d'hydraulique à l'usage des ingénieurs. *Paris*, 1834. 8°.

Averone (A.) Ricerche idrauliche. *Mantova: A. Mandovi*, 1898. 2 pl., iii, 89 p., 8 tab. 4°.

Aviler (A. C. d'). Dictionnaire d'Architecture civile et hydraulique. *Paris*, 1755. 4°.

Badois (Ed.) Hydraulique générale. (Mém. et compte rendu des travaux de la Soc. d. ingénieurs civil de France. *Paris*, 1898. 8°. Année 51, Ser. 5. Cinquantenaire 1848–1898. pt. 1, pp. 234–249.)

Bailey (Frank S.) Comparison of formulas for flow of water in clean cast iron pipes. (Engineering News. v. 46, pp. 98–99. *New York*, 1901.)

Baker (I. Fraley), *and* Brett Harvey. Experimental investigation of the reliability of Pitot tubes for determining the velocity of flow of water in pipes. (Stevens Indicator. *Hoboken*, 1898. 8°. v. 15, pp. 351–360.)

Barnes (H. T.), *and* E. G. Coker. The flow of water through pipes. Experiments on streamline motion and the measurement of critical velocity. (Proc. Roy. Soc. v. 74, pp. 341–356. *London*, 1905.)

Barraclough (Samuel Henry), *and* T. P. Strickland. Experimental investigation of the flow of water in uniform channels. (Roy. soc. of New South Wales. Jour. and Proc. v. 31, pp. 356–376. *Sydney*, 1898.)

Basset (Alfred Barnard). A treatise on hydrodynamics. With numerous examples. *Cambridge: Deighton, Bell & Co.*, 1888. 2 v. 8°.

Bate (John). The mysteries of nature and art. In four several parts. The first of waterworks; the second of fireworks; the third of drawing... the fourth of sundry experiments... [*London?*] *A. Crooke*, 1654. 3 p.l., 5–221 (1) p., 7 l. illus. 3. ed. 12°.

Bazin (H.) *See* **Darcy** (H.), *and* H. Bazin.

Beaufoy (M.) Nautical and hydraulic experiments. *London*, 1834. 4°.

Beausire ( ). Note au sujet d'une méthode pour l'étude des tuyautages d'eau. 10 pl. (Mém. du génie maritime. ser. 3, no. 4. pp. 31–75. *Paris*, 1902.)

Belas (P. E.) On the structure of water-jets, and the effects of sound thereon. Pt. 1–2. *Dublin: Univ. Pr.*, 1904–5. pl. 8°. (Royal Dublin Soc. Sci. Proc., n. s. v. 10, pt. 2, no. 22; v. 10, pt. 3, no. 32.)

Bélidor (B. F. de). Architecture hydraulique. *Paris*, 1737–53. 4 v. 4°.

—— Same. Avec des Notes et des Additions par Navier. v. 1. *Paris*, 1819. 4°.

No more published.

Bellet (Daniel). Le grand programme des travaux maritimes de la Belgique. (Jour. d. économistes. ser. 5, v. 49, pp. 210–219. *Paris*, 1902.)

Bernard, *or* Bernhard (Pons Joseph). Neue Grundlehren der Hydraulik, mit ihrer Anwendung auf die wichtigsten Theile der Hydrotechnik; aus dem französischen übersetzt und mit Anmerkungen hrsg. von K. Chr. Langsdorf. *Leipzig und Frankfurth*, 1790. pl. 8°.

Bernardi (Enrico). Un paradosso idrodinamico. Diagram. (R. istituto veneto. Atti, v. 63, pt. 2, pp. 1111–1120. *Venezia*, 1904.)

Bernoulli (D.) Hydrodynamica sive de viribus et motibus fluidorum commentarii. *Argentorati*, 1738. 4°.

Bidone (G.) Experiences hydrauliques sur le remous, et sur la propagation des ondes. (Extrait, par J. N. P. Hachette.) *Paris*, 1823. 8 p. 4°.

Extr. du Bulletin de la soc. philomatique, Août, 1823.

—— Sur la forme et la direction des veines et courans d'eau lancés par diverses ouvertures. 5 pl. *Turin*, 1829. 4°.

—— Mémoire sur la détermination théorique de la section contractée des veines liquides. *Turin*, 1829. 4°.

—— Sur la propagation du remous. 2 pl. *Turin*, 1825. 4°.

—— Rifflessioni sui moto permanente dell' acqua ne' canali orizzontali. *Modena*, 1824. 4°.

General Works, cont'd.

Bjerknes (V.) Les actions hydrodynamiques à distance d'après la théorie de C. A. Bjerknes. (Congrès internat. de physique. 1900. Rapports. v. 1, pp. 251–276. *Paris*, 1900.)

—— Recherche sur les champs de force hydrodynamiques. (Archives d. sci. phys. & nat. pér 4, v. 20, pp. 325–350; 473–505. *Genève*, 1905.)

—— Vorlesungen über hydrodynamische Fernkräfte nach C. A. Bjerknes' Theorie. Bd. 1–2. *Leipzig: J. A. Barth*, 1900–'02. 2 v. 4°.

—— Über Wirbelbildung in reibungslosen Flüssigkeiten mit Anwendung auf die Analogie der hydrodynamischen Erscheinungen mit den elektrostatischen. (Ztschr. f. Math. u Physik. v. 50, pp. 422–443. *Leipzig*, 1904.)

Blaine (R. G.) Hydraulic machinery, with an introduction to hydraulics. *London: E. & F. N. Spon*, 1897. 8°. viii, 383 p., 1 port., 7 pl. ill. 8°. (Finsbury Tech. Man.)

Blieden (M.) The theorie of the flow of elastic fluids and the divergent nozzle. (Engineer. v. 99, pp. 155–156; 181–182. *London*, 1905.)

Blomqvist (Edv.) Om beräkning af medelaflödesmängden för rinnande vattendrag. (Tekniska Förening. i Finland Förhandl. Årg. 26, pp. 173–182. *Helsingfors*, 1906.)

Blondeel (V. J.) *De pressione fluidorum. *Trajecti ad Rhenum*, 1743. 8°.

Bossut (C.) Traité élémentaire d'hydrodynamique. 2 v. *Paris*, 1771. 8°.

—— Traité théorique et expérimentale d'hydrodynamique. *Paris*, 1796. 2 v. 8°.

Boulvin (J.) Moteurs animés: récepteurs hydrauliques, récepteurs pneumatiques. *Paris*, 1892. 8°. (Cours de mécanique appliquée aux machines, fasc. 2.)

Boussinesq (J.) Essai sur le théorie des eaux courantes. (In: Paris Inst. Acad. Sci. Mém. div. sav., v. 23. 1877.) Additions et éclaircissements. (In: same, v. 24. 1877.)

—— Théorie des ondes liquides périodiques. (In: v. 20. 1872.) pl.

Bovey (Henry Taylor). A treatise on hydraulics. *New York: J. Wiley & Sons*, 1901. xviii, 583 p. 2. ed. 8°.

Bovey (Henry Taylor), *and* Tom Percival Strickland. Some experiments on the resistance to flow of water in pipes. 3 pl., 2 paged in. (Roy. soc. of Canada. Trans. ser. 2, v. 4, sec. 3, p. 43–57. *Ottawa*, 1898.)

Brauer (Richard). Die Grundzüge der praktischen Hydrographie. Mit 24 Tabellen und 38 Textfiguren. *Hannover: Max Jänecke*, 1907. 233 p. 16°. (Bibliothek der gesamten Technik. 53. Bd.)

Brown (Ernest W.) On recent progress toward the solution of problems in hydrodynamics. (Science. *Lancaster, Pa.*, 1898. 4°. n. s., v. 8, pp. 641–651).

Brown (*Sir* Robert Hanbury). Irrigation: its principles and practice as a branch of engineering. *London: A. Constable & Co.*, 1907. xv, 301 p., 9 pl. 8°.

Brunhes (Jean). De la prédominance des tourbillons en sens inverse des aiguilles d'une montre dans les cours d'eau de l'Europe centrale et occidentale. (Bibliothèque univers. Archives d. sci. phys. et nat. Année 109, pèr. 4, v. 18, pp. 553–575. *Genève*, 1904.)

Buchetti (J.) Les moteurs hydrauliques actuels. Partie 1–2 [and] Album. *Paris: Chez l'auteur*, 1892–1900. 3 v. sq. 4°. and sq. f°.

Partie 1, 2. ed.
Partie 2, Calculs et conditions d'établissement.
Partie 2, Construction.
Album, Roues et turbines.

Burnell (George Rowdon). The rudiments of hydraulic engineering. (In: Law, H. Civil eng., v. 3, pt. 2.) *London: Weale*, 1852. il. 12°.

Cambridge (The) course of elementary natural philosophy; being the demonstrations of the propositions in mechanics and hydrostatics, in which those persons who are not candidates for honours are examined for the degree of B.A. [Compiled by J. C. Snowball.] *Cambridge: J. W. Parker*, 1844. 71 p. 3. ed. 12°.

—— 5. ed. revised and enlarged... by T. Lund. *Cambridge*, 1864. xii, 156 p. 12°.

Camettus (A. D. O.) Mechanica fluidorum sive de aequilibrio et motu corporum fluidorum. *Florentia: Stecchus & Paganus*, 1777. xxiv, 237 (iii) p., 18 tab. 4°.

Cavagnari (Odoardo). Calcolo grafico del profilo secondo cui si dispone il pelo dell' acqua in alvei a sezione costante o gradatamente variable. 1 pl. (Giornale del genio civile anno 38, 1900. pp. 19–27. *Roma*, 1900.)

Cavalieri (N. S. B.) Instituzione di architectura statica e idraulica. *Mantova*, 1845. 2 v. 4°.

Cazin (F. M. F.) Old and new methods applied in planning pipe-lines and penstocks. (Jour. Franklin Inst. *Philadelphia*, 1898. 8°. v. 146, pp. 177–192; 280–293.)

Cessart (L. A. de). Description des travaux hydrauliques. *Paris*, 1806–08. Atlas fol. and 2 vols. 4°.

Ceva (Giovanni). Joannis Cevae Mediolanensis Sac., Caes., Reg., Cath., Majestatis Caroli VI. mathematici et aquarum in statu Mantuano commissarii opus hydrostaticum. *Mantuæ: S. Benedict*, 1728. 8 p.l., 234 p., 25 pl. sq. 8°.

Chenot (Gustave). Formules pratiques servant à abréger les calculs relatifs aux conduites forcées dans les projets de distributions d'eau. (Annales des trav. pub. de Belgique. ser. 2, v. 7, pp. 963–1014. *Bruxelles*, 1902.)

Christen (T.) Das Gesetz der Translation des Wassers in regelmässigen Kanälen, Flüssen und Röhren. *Leipzig: W. Engelmannn*, 1903. iv, 169 p., 1 pl., 1 tab. 8°.

Clare (M[artin]). The motion of fluids, natural and artificial; in particular that of the air and water ...proposed and proved by...experiments...with explanation of...terms...2. ed., cor. 8 p.l., 369 (1) pp., 11 l., 9 pl. *London: E. Symon*, 1737. 8°.

Coffin (Freeman C.) The graphical solution of hydraulic problems. Treating of the flow of water through pipes, in channels and sewers, over weirs, etc. *New York: J. Wiley & Sons*, 1897. 12°. 1. ed. v, 75 p., 34 diagr. ill.

General Works, cont'd.

Coker (Ernest George). The critical velocities of water. (Transac. Canadian Soc. of Civil Engineers. v. 15, pp. 158–163. *Montreal*, 1902.)

Coker (Ernest George), *and* S. B. CLEMENT. An experimental determination of the variation with temperature of the critical velocity of flow of water in pipes. illus. (Roy. soc. of London. Philos. trans. v. 201, ser. A, pp. 45–61. *London*, 1903.)

Cole (Edward S.) Measurement of flow of water in pipes. (Sibley Jour. of Mechan. Engineering. v. 16, pp. 335–339. *Ithaca*, 1902.)

Cole (J. E.) The mechanical construction of water... *New York*, 1876. 16°.

Cookson (B.) The oscillations of a fluid in an annular trough. (Proc. Camb. Philosoph. Soc. v. 11, pp. 200–208. *Cambridge*, 1901.)

Costa (Filippo). Difesa contro gli attacchi diretti ed indiretti che si appengoni alla ripristinacione del gia tanto classico porto de fiume nel Canale di Ostia, per F. Costa Romano... *Roma: Fratelli Monaldi*, 1868. 54 p. 8°.

Coulomb (C. A.) Expériences sur la cohérence des liquides et les lois de leur résistance dans les mouvements très-lents. *Paris*, 1800. 4°.

Craig (T.) Elements of the mathemathical theory of fluid motion. On the motion of a solid in a fluid, and the vibrations of liquid spheroids. *New York: D. Van Nostrand*, 1879. 208 p. 16°. (Van Nostrand's Science Series. No. 49.)

—— Elements [etc.]: wave and vortex motion. *New York*, 1879. 24°. (Van Nostrand Sci. ser. No. 43.)

Cunningham (A.) Roorkee hydraulic experiments. 2 v. in one. *Roorkee*, 1880–81. 8°.

Danckwerts ( ). Tabelle zur Berechnung der Stauweiten in öffenen Wasserläufen. 1 pl. (Ztsch. f. Architek. u. Ingenieurwesen. v. 49 (n. s. v. 8), col. 257–274. *Wiesbaden*, 1903.)

—— Vom Stoss des Wassers, nebst Anhang über die Wirkung der Bühnen. (Ztschr. f. Architektur u. Ingenieurwesen. v. 52 (n. s. v. 11), col. 119–154. *Wiesbaden*, 1906.)

Darcy (Henry). Recherches expérimentales relatives au mouvement de l'eau dans les tuyaux. (In: Paris. Inst. Acad. Sci. Mém. div. sav., v. 15, 1858. pl. pp. 141–403.)

Darcy (H.), *and* H. BAZIN. Recherches hydrauliques, entreprises par D., continuées par B. 1e–2e pt. *Paris*, 1865–66. text, 2 v. 4°; atlases, 2 v. f°.

Contents: 1ère partie. Recherches expérimentales sur l'écoulement de l'eau dans les canaux découverts. 2. Rech. ex. relatives aux remotis et à la propagation des ondes.

Davis (J. Woodbridge). On the motion of compressible fluids. (Amer. Jour. of Sci. ser. 4, v. 12, pp. 107–114. *New Haven*, 1901.)

Delprat (J. P.) Over het berekenen van de middlebare snelheid van waterstroomen. 4°. s. a. et l.

Devyver. Anomaliæ quæ in phænomenis hydrostaticis occurrent. 4°. *Lovan*, s. a.

Diesher (Samuel). Flow of water through pipes fed by reservoirs. [Discussion.] (Proc. Engineers' Soc. of West. Penn. v. 21, pp. 58–87. *Pittsburg*, 1905.)

Doerfling (Richard C.) Ueber Wasserbau im allgemeinen und Stauanlagen im besonderen. (Technologist. v. 6, pp. 71–90. *New York*, 1900.)

Downing (S.) Elements of practical hydraulics; part 1. 3. ed. *London*, 1875. il. 8°.

Drummond (Thomas). The miners' inch and the discharge of water through various orifices under low heads. [Discussion.] (Transac. Canadian Soc. of Civil Engineers. v. 14, pp. 131–156. *Montreal*, 1900.)

Du Buat-Nançay (L. G.) Principes d'hydraulique. Nouvelle édition. *Paris*, 1786. 2 v. 8°.

Ducrest (Charles Louis), *Marquis*. Essais sur les machines hydrauliques... *Paris: [de Stoupe,]* 1777. xxxvi, 298 p., 5 pl. 12°.

—— Traité d'hydraulférie; ou l'Art d'élever l'eau porté à sa perfection. *Paris*, 1809. 12°.

Ewbank (T. A.) A descriptive and historical account of hydraulic and other machines for raising water. *New York*, 1851. 12. ed. 8°.

—— —— 16. ed. *New York*, 1876. 8°.

Duhem (Pierre). Sur les équations de l'hydrodynamique: commentaire à un mémoire de Clebsch. (Annales de la faculté d. sci. de l'Univers. de Toulouse. sér. 2, v. 3, pp. 253–279. *Paris*, 1901.)

—— Recherches sur l'hydrodynamique. (Annales de la faculté des sci. de l'Univ. de Toulouse. sér. 2, v. 3, pp. 315–377; 379–431; v. 4, pp. 101–169; v. 5, pp. 197–255. *Paris*, 1902.)

—— Recherches sur l'hydrodynamique. sér. 1–2. *Paris: Gauthier-Villars*, 1903–1904. 2 v. 4°.

Dumas (M. J.) La science des Fontaines... *Valence: E. Favier et Cie.*, 1856. x, 11–476 p., 1 l., 12 pl. 8°.

Duncanson (Thomas). Flow of water in pipes, channels and rivers. [Discussion.] 1 pl. (Transac. Liverpool Engineering Soc. v. 26, pp. 117–138. *Liverpool*, 1905.)

Dunkerley (S.) Hydraulics. In two volumes; Vol. 1, Hydraulic machinery. *London: Longmans*, 1907. vi, 1 l., 343 (1) p. illus. 8°.

Edlund (E.) Consequences necessaires de l'equation de la continuité des fluides. *Upsal: Leffler & Sebell*, 1846. (ii), x p. 4°.

Emy (A. R.) Über die Bewegung der Wellen und über den Bau am Meere und im Meere, aus dem Französischen übersetz von C. Wiesenfeld. *Wien: L. Forster*, 1839. (ii), 242 (ii) p. 8°.

Euler (J. E.) Enodatio quæstionis quomodo vis aquæ aliusve fluidi cum maximo lucro ad molas circum agendas aliave opera perficienda impendi possit. *Gottingæ*, 1754. 4°.

Euler (L.) Die Gesetze des Gleichgewichts und der Bewegung flüssiger Körper, übersetz von H. W. Brandes. *Leipzig*, 1806. 8°.

Expériences sur l'écoulement de l'eau dans des conduites en acier et en bois. (Génie civil. v. 36, pp. 151–154. *Paris*, 1900.)

Eytelwein (Johann Albrecht). Handbuch der Mechanik fester Körper und der Hydraulik. *Berlin: F. T. Lagarde*, 1801. xxiv, 498 p., 5 pl. 8°.

For English abridgement see Young: A summary of the most useful parts of hydraulics.

—— Ueber den Ausfluss des Wassers durch vertikale, rechtwinklichte, oben freie Öffnungen, wenn

General Works, cont'd.

dieser Ausfluss frei und ohne Hindernisse erfolgt. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1830. pp. 129–136. *Berlin*, 1832. 4°.

—— Von der Bestimmung der Wassermenge eines Stroms. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1820–21. pp. 9–14. *Berlin*, 1822. 4°.)

—— Untersuchungen über die Bewegung des Wassers, wenn auf die Contraction, welche beim Durchgange durch verschiedene Oeffnungen stattfindet und auf den Widerstand, welcher die Bewegung des Wassers längs den Wänden der Behältnisse verzögert, Rücksicht genommen wird. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. M. Kl. 1814–15. pp. 137–178, 1 pl.; 1818–19. pp. 9–18. *Berlin*, 1818, 1820. 4°.)

—— Zusammenstellung der Gründe, von welchen der Gebrauch des Woltmanschen hydrometrischen Flügels abhangt, unabhängig von jeder Theorie über den Stoss des Wassers. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1816–17. pp. 23–27. *Berlin*, 1819. 4°.)

—— *See also* **Gilly** (D). *and* J. A. EYTELWEIN. Praktische Anweisung zur Wasserbaukunst.

Fabre (J. A.) Essai sur la manière la plus avantageuse de construire les machines hydrauliques et en particulier les moulins à bled. *Paris*, 1783. 4°.

Fenkell (George H.) A study in hydraulics. 6 plans. (Jour. Assoc. of Engineering Soc. v. 26, pp. 155–192. *Philadelphia*, 1901.)

Fidler (T. Claxton). Calculations in hydraulic engineering. Part 1–2. *London: Longmans, Green & Co.*, 1898–1902. 2 v. 8°. (Longman's Civil Engineering Ser.)

Finzi (George), *and* NICHOLAS SOLDATI. Experiments on the dynamics of fluids. (Engineering. v. 79. pp. 333–335; 397–398; 461–464. *London*, 1905.)

Flamant ( ). Abaque pour faciliter les calculs relatifs aux distributions d'eau. 1 pl. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 16, pp. 219–221. *Paris*, 1904.)

Flamant (A. A.) Mécanique appliquée hydraulique. (2 ll.), xxx, (1 l.), 683, 1. p. *Paris: Baudry & Cie.*, 1891. 8°. (Encycl. des Trav. Publ.)

Flynn (P. J.) Flow of water in open channels, pipes, sewers, conduits, &c., with tables based on the formulæ of D'Arcy, Kutter and Bazin. *New York: D. Van Nostrand*, 1886. 118 p. 16°. (Van Nostrand's science series. No. 84.)

—— Hydraulic tables for the calculation of the discharge through sewers, pipes, and conduits, based on Kutter's formula. *New York: Van Nostrand*, 1883. 16°. (Van Nostrand's Science Series. No. 67.)

Fontana (G.) Dissertazione idrodynamica.... *Mantova: A. Pazzoni*, 1775. 4 p.l, 136 p., 1 pl. 4°.

Forchheimer (Ph.) Wasserbewegung durch Boden. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45. pp. 1736–1741; 1781–1788. *Berlin*, 1901.)

Fournié (Victor). Note sur deux formules relatives à l'écoulement permanent et uniforme des liquides. (Annales d. ponts et chausées. 1 partie. *Paris*, 1898. Sér 7, v. 8, trimes. 3, pp. 1–10.)

France.—*Ministère de l'Instruction Publique.* Rapport sur la Mission des Chotts. Études relatives au projet de mer intérieure, par le Capitaine Roudaire. *Paris: Imprimerie Nationale*, 1877. 1 l., 115 p., map. 8°.

Francesco (Domenico de). Alcune formole della meccanica dei fluidi in uno spazio a tre dimensioni di curvatura constante. 18+13 p. (Soc. r. di Napoli. Acad. d. sci. fis. e. mat. Atti, ser. 2, v. 11, no. 9–10. *Napoli*, 1902.)

Francis (James B.) Lowell hydraulic experiments, being a selection from experiments on hydraulic motors, on the flow of water over weirs, and in canals of uniform rectangular section and of short length. Made at Lowell, Massachusetts. *Boston: Little, Brown & Co.*, 1855. xi, 156 p., 15 pl. f°.

—— On the flow of waters over weirs, in open canals of uniform rectangular section, and through submerged orifices and diverging tubes... *New York: D. Van Nostrand*, 1871. 3. ed. rev. xii, 258 p., 23 pl. f°.

Franzius (L.), *and* ED. SONNE. Die Wasserbau. 2 v. *Leipzig: Wilhelm Englemann*, 1879. v. p. 8°.

—— —— 2. verm. Aufl. *Leipzig*, 1884. 8°.

—— —— 3. verm. Aufl. von L. Franzius, H. Garbe, Ed. Sonne, and others. 2 v. *Leipzig*, 1892–'95. 8°. (Handb. d. Ingenieurwiss.; 3. Bd., 2. Abth.)

—— *and others.* Der Wasserbau. Im Verein mit F. Lincke [and others] hrsg. von L. Franzius, A. Frühling, J. Schlichting, E. Sonne. Abt. 1–3. *Leipzig: W. Engelmann*, 1892–1901. 3 v. in 4. 3. ed. 4°. (Handbuch der Ingenieurwissenschaften. Bd. 3[1]–3.)

Abt. 2 by L. Franzius, H. Garbe, E. Sonne. Abt. 3 by L. Franzius, E. Sonne.

Friedrich (A[dolf]). Kulturtechnische Wasserbauten in Norditalien. *Wien: R. v. Waldheim*, 1906. 51 p., 3 plans, 5 pl. 8°.

—— —— (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 10, pp. 53–67. *Wien*, 1904.)

Frizell (J. P.) Pressures resulting from changes of velocity of water in pipes. (Amer. Soc. of Civil Engineers. Transac. v. 39, pp. 1–7. *New York*, 1898.)

Frizell (J. P.) Water-power, an outline of the development and application of the energy of flowing water. *New York: John Wiley & Sons*, 1901. vii, 563 p. 8°.

Froude (W.) The law of fluid resistance. (In: Sci. lect. at S. Kensington, v. 2. 1879.)

Funk (F. E. T.) Beyträge zur allgemeinen Wasser-Baukunst. *Lemgo*, 1808–09. 2 v. 4°.

—— Darstellung der wichtigsten Lehren der Hydrotechnik. Erster Band. Von der Bewegung des Wassers in Strom u. Flussbette. *Berlin*, 1820. 4°.

Gaillard (D. D.) Wave action in relation to engineering structures. (Engineering News. v. 53, pp. 189–194. *New York*, 1905.)

—— —— *Washington: Govt. Prtg. Off.*, 1904. 232 p., 12 diag., 14 pl. 8°. (U. S. Engineer Dept. Professional papers. no. 31.)

General Works, cont'd.

Gauss (C. F.) Principia generalia theoriæ figuræ fluidorum in statu æquilibrii. *Gottingæ*, 1830. ii, 53 p. 4°.

Gerhard (Wm. Paul). The discharge of water through street taps and house service pipes. (Cassier's Maga. v. 29, pp. 22–30. *New York*, 1905.)

Genet (Edmond Charles). Memorial on the upward force of fluids, and their applicability to several arts, sciences and public improvements... *Albany: Packard & Van Benthuysen*, 1825. 112 p., 5 pl., 1 tab. 8°.

Gilly (D.), *and* J. A. Eytelwein. Praktische Anweisung zur Wasserbau-kunst. Neue Auflage. *Berlin*, 1809–24. 4 v. 4°.

Girard (P. S.) Essai sur le Mouvement des Eaux courantes. *Paris*, 1804. 4°.

Glazebrook (Richard Tetley). Mechanics; an elementary text-book, theoretical and practical, for colleges and schools. Hydrostatics. *Cambridge: University Press*, 1895. x, 216 p. 12°. (Cambridge natural science manuals. Physical series.)

Glynn (J.) Rudimentary treatise on the power of water. As applied to drive flour mills, and to give motion to turbines and other hydrostatic engines. With...an Apx. on centrifugal and rotary pumps. *London: J. Weale*, 1853. xii, 148, 24 p. 12°.

Goebel (J. B.) Über ein neues Rechnungsverfahren bei Aufgaben der Hydraulik. (Gesundheits-Ingenieur. Jahrg. 22, pp. 169–172; 189–192; 205–208. *München*, 1899.)

Graeff (Auguste). Mémoire sur le mouvement des eaux dans les réservoirs à alimentation variable; sur l'action que la digue de Pinay exerce sur les crues de la Loire à Roanne: sur l'application des courbes de débits à l'étude du régime des rivières, [etc.]. (In: Paris. Inst. Acad. Sci. Mém. div. sav., v. 21. 1875. pl. pp. 393–683.)

Greenhill (Alfred George). A treatise on hydrostatics. *London: Macmillan & Co.*, 1894. viii, 536 p. 12°.

Greenwood (A. H.), *and others*. Experiments on the flow on water over dams. By A. H. Greenwood, L. S. Oakes, and J. L. Sanborn. (Engineering News. v. 44, pp. 207–209. *New York*, 1900.)

Griffiths (Albert) Diffusive convection [in liquids]. 5 illus. (Philos. mag. ser. 5, v. 46, pp. 453–465. *London*, 1898.)

Gregory (John H.), *jr*. Diagram giving discharge of pipes by Kutter's formula. (Engineering Rec., v. 42, pp. 415–416; v. 50, pp. 349–350. *New York*, 1900–4.)

Grunnach (Leo). Experimentelle Bestimmung der Oberflächenspannung von Flüssigkeiten und von geschmolzenen Metallen durch Messung der Wellenlänge der auf ihnen erzeugten Capillarwellen. (Annalen d. Physik. ser. 4, v. 3, pp. 660–671. *Leipzig*, 1900.)

Grusinzen (A. P.) Theorie der Kapillarität und Hydrostatik. (Ztsch. f. Mathematik u. Physik. v. 46, pp. 457–470. *Leipzig*, 1901.)

Güssman (F.) Über die bisherigen Versuche und derselben Berechnung in Hinsicht auf die Theorie des Stosses und Widerstandes flüssiger Körper. *Wien: Weidmannischen Buchhandlung*, 1805. 96 p., 1 pl. 4°.

Haerens (E.) Résolution de deux questions sur le mouvement varié des eaux. (Propagation d'une crue et d'une marée fluviale.) 2 pl. (Annales d. trav. pub. de Belgique. *Bruxelles*, 1899. 8°. Sér. 2, v. 4, pp. 1–19.)

Haerens (E.) Quelques compléments a notre résolution de deux questions de mouvement varié des eaux courantes. (Annales d. trav. publics de Belgique. ser. 2, v. 6, pp. 855–876. *Bruxelles*, 1901.)

Hagen (Gotthilf Heinrich Ludwig). Handbuch der Wasserbaukunst. *Königsberg*, 1852–3. 2. ed. 3 v. 8°. Plates, 1 v. f°.
1. Theil, Die Quellen. 2. Th., Die Ströme. 3. Th., Die Ströme und Kanäle.

—— —— *Berlin*, 1863–74. Th. 1–2, 3. ed. 3 Th. in 10 v. bd. in 5. Text 8°; atlas, obl. 4°.
1. Theil, Die Quellen; Brunnen, Wasserleitungen und Fundirungen. 2. Th., Die Ströme; Uferschälungen, Strombauten und Schiffahrts-Canäle. 3. Th., Das Meer; Seeufer- und Hafen-Bau.

—— Ueber die Bewegung des Wassers in cylindrischen, nahe horizontalen Leitungen. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1869. 29 p. *Berlin*, 1870. 4°.)

—— Ueber die Bewegung des Wassers in Strömen. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1868. pp. 1–29. *Berlin*, 1869. 4°.)

—— Ueber den Einfluss der Temperatur auf die Bewegung des Wassers in Röhren. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1854. pp. 17–98, 1 diag. *Berlin*, 1855. 4°.)

—— Geschwindigkeit des strömenden Wassers in verschiedenen Tiefen, untersucht nach den von Brünings ausgeführten Messungen. 79 p., 1 diag. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1883. I. *Berlin*, 1884. 4°.)

—— Ueber das Gesetz, wonach die Geschwindigkeit des strömenden Wassers mit der Entfernung vom Boden sich vergrössert. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1871. pp. 21–45. *Berlin*, 1872. 4°.)

—— Ueber die Stellung, welche drehbare Planscheiben in strömendem Wasser annehmen. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1878. pp. 19–31, 1 diag. *Berlin*, 1879. 4°.)

—— Untersuchungen über die gleichförmige Bewegung des Wassers. *Berlin*, 1876. 8°.

Hahn (H.), *and others*. Über das Strömen des Wassers in Röhren und Kanälen. Von H. Hahn, G. Herglotz, und K. Schwarzschild. (Ztschr. f. Mathemat. u. Physik. v. 51, pp. 411–426. *Leipzig*, 1905.)

Hasenkamp (H. v.) F. Ahlborns Untersuchungen über den Mechanismus des hydrodynamischen Widerstandes. 2 pl. (Annalen d. Hydrographie. Jahrg. 32, pp. 504–514; 551–558. *Berlin*, 1904.)

Haswell (F. J.) Notes on hydraulic machinery and the distribution of hydraulic power. [With discussion.] (Liverpool Engineering Soc. Transac. sess. 29, v. 24, pp. 84–112. *Liverpool*, 1903.)

Hele-Shaw (H. S.) The motion of a perfect liquid. (Engineer. v. 87, pp. 548–550. *London*, 1899.)

General Works, cont'd.

—— —— (Smithsonian Inst. Annual rept. 1899, pp. 107–118. *Washington*, 1901.)

—— Further experiments on the character of fluid motion. (Transac. Liverpool Engineering Soc. v. 20, pp. 37–54. *Liverpool*, 1899.)

—— —— (Engineering. *London*, 1899. f°. v. 61, pp. 28–30.)

—— Pressure due to flow round submerged surfaces. With special reference to balanced rudders. (Engineering. v. 70, pp. 65–69; 82. *London*, 1900.)

Helmholtz (H. L. F. von.) Zwei hydrodynamische Abhandlungen. I. Ueber Wirbelbewegungen (1858). II. Ueber discontinuirliche Flüssigkeitsbewegungen (1868). Herausgegeben von A. Wangerin. 79 p. *Leipzig: W. Engelmann*, 1896. 12°. (Ostwald's Klassiker der exakten Wissenschaften, No. 79.)

Hennert (J. F.) Dissertation sur la vis d'Archimede ... (In: Dissertations qui ont remporté les prix adjugés par l'Académie Royale ... en 1766 ... *Berlin*, 1767. sq. 8°. pp. 63–122.)

—— Elementa hydrostaticæ et hydraulices. *Trajecti ad Rhenum*, 1769. 8°.

Hering (Rudolf). The flow of water in small channels, after Ganguillet and Kutter, with Kutter's diagram modified, and graphical tables with special reference to sewer calculations. Read October 16, 1878 [before the American Society of Civil Engineers]. 17 p., 5 diag., 1 table. 8°. (American Society of Civil Engineers. Transactions, no. 115, v. 8.)

Hermanek (Johann). Die mittlere Profilgeschwindigkeit in naturlichen und künstlichen Gerinnen. (Ztschr. d. österreich Ingen. Jahrg. 57, pp. 237–243. *Wien*, 1905.)

—— Theorie des freien Ausflusses von Flüssigkeiten an Mündungen und Überfällen. illus. (Kais. Akad. d. Wissensch. Math-naturwiss. Classe. Sitzungsb. v. 112, pt. 2a, pp. 879–930. *Wien*, 1903.)

Heyne ( ). Eine Studie über hydraulische Coëfficienten. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 837–840. *Wien*, 1902.)

Hicks (William Mitchinson). Researches in vortex motion. Pt. III. On spiral or gyrostatic vortex aggregates. illus. plates. (Roy. soc. of London. Philos. trans. v. 192, ser. A, pp. 33–99. *London*, 1899.)

Hill (Ernest Prescot). The velocity of water flowing down a steep slope. (Min. of Proc. Inst. of Civil Engineers. v. 161, pp. 345–349. *London*, 1905.)

Hoech (Th.) Veränderungen von Höhenpunkten in Folge von Senkungen der Wasserstände. (Zeitschr. f. Architektur u. Ingenieurwesen. Jahrg. 46, col. 87–88. *Hannover*, 1900.)

Hoefer (Frederic Adolph). Eenvoudige verklaring van waterstaatkundige benamingen, vooral met hetoog op militaire inundatien. *Utrecht: Dannenfelser & Co.*, 1880. viii, 96 p., 3 pl. 8°.

Holzmüller ( ). Hydrodynamische analogien zur Theorie des Potentials und der Elektrotechnik. (Zeitschr. d. Vereines deutscher Ingenieure. v. 43, pp. 659–662; 690–694. *Berlin*, 1899.)

Hoskins (Leander Miller). A text-book on hydraulics, including an outline of the theory of turbines. *New York: H. Holt & Co.*, 1906. v, 271 p., 1 pl. illus. 8°.

Housden (C. E.) Practical hydraulic (water supply and drainage) tables and diagrams. *London: Longmans, Green & Co.*, 1907. x, 2 l., 105 (1) p. 12°.

International Engineering Congress, Glasgow, 1901. Section 2. Meeting held at the University, Glasgow, on the 3, 4, & 5 September, 1901. Proceedings of Section 2. Waterways and Maritime works. *London*, 1902. viii, 214 p., 29 pl. 8°.

Italy.—*Lavori pubblici, Ministero dei.* Relazione sui servizi idraulici per l'anno 1871; ministro, de Vincenzi, June 16, 1873. *Roma*, 1873. xxv, 258 p. 4°. (Racc. Stamp. Cam. Sess. 1871–73, v. 11, (Diseg.) no. 251 bis.)

—— —— ib. Servizio dei corsi d'acqua, no. 251 bis B. (per l'anno 1872) 254 p. (Ser. 179.)

—— —— Relazione generale sui servizi idraulici per 1872. *Roma*, 1872. v. p. 4°. (Racc. Stamp. Cam. Sess. 1871–72, v. 11, no. 251–bis e ter. Serial no. 179.)

—— —— Relazione sui servizi idraulici. 1873/74–75/76, 80. *Roma*, 1873–80. 4°.

—— —— Relazione della commissione sulla construzione di opere stradali e idrauliche nel decennio 1881–1890. *Roma*, 1880. 159 p. 4°. (Racc. Stamp Cam. Sess. 1880–81, v, 1, no. 12 A.) Ser. 292.

—— —— Relazione della commissione sulle aggiunte e modificazioni all'elenico delle opere idrauliche di seconda categoria. *Roma*, 1881. 16 p. 4°. (Racc. Stamp. Cam. Sess. 1880–81, v. 1, no. 13–A. Serial no. 292.)

Iterson (F. van). Méthode chimique pour la mesure de débit des conduites d'eau. (Génie civil. v. 44, pp. 411–412. *Paris*, 1904.)

Jackson (Lowis d'A.) Hydraulic manual. *London: W. H. Allen & Co.*, 1875. 2 pts. in 1 v. vi, 221, 2 l., xcii, 1 l., xii p.; 2 l., 141, 1 l., 83 p. 8°.

Pt 1. Working tables and explanatory text, intended as a guide in hydraulic calculations and field operations. 2. Hydraulic statistics and Indian meteorological statistics, for the use of engineers.

—— Statistics of hydraulic works and hydrology of England, Canada, Egypt and India. *London*, 1885. 8°.

Jamieson (A.) Mechanics of fluids for practical men. *London*, 1848. 2. ed. 8°.

Janvier ( ). Nouveau manuel de mécanique appliquée à l'industrie. Pt. 2. Hydraulique... *Paris: Ency. de Roret*, 1838. 2 p.l., 275 p., 3 pl. 24°.

Jusélius (Axel). Bestämningar af afflödeskoefficienter i finska vattendrag. (Tekniska Föreningens i Finland. Föhandl. Arg. 25, pp. 239–247. *Helsingfors*, 1905.)

Keelhoff (F.) Expériences sur le mouvement de l'eau dans les canaux rectangulaires alimentés par une vanne. 3 pl. (Annales d. trav. pub. de Belgique. *Bruxelles*, 1898. 8°. Sér. 2, v. 3, pp. 873–897.)

General Works, cont'd.

Knibbs (George H.) On the steady flow of water in uniform pipes and channels. (Roy. soc. of New South Wales. Jour. and Proc. v. 31, pp. 314–355. *Sydney*, 1898.)

Korteweg (Diederik Johannes). Sur la forme que prennent les équations du mouvement des fluides si l'on tient compte des forces capillaires causées par des variations de densité considérables mais continues et sur la théorie de la capillarité dans l'hypothèse d'une variation continue de la densité. (Archives néerlandaises, ser. 2, v. 6, pp. 1–27. *La Haye*, 1901.)

Krischan (C.) Ueber die Bedeutung von Modellversuchen für den Flusswasserbau im allgemeinen und die Ergebnisse der neuesten Versuche mit Buhnenmodellen im besonderen. (Ztsch. d. oesterr. Ingen. u. Architek.-Vereines. Jahrg. 54, pp. 469–474. *Wien*, 1902.)

Kutter (Wilhelm R.) Bewegung des Wassers in Kanälen und Flüssen. Tabellen und Beiträge zur Erleichterung des Gebrauchs der neuen allgemeinen Geschwindigkeits-Formel von Ganguillet & Kutter...*Berlin: P. Parey*, 1904. 2 p.l., 134 p., 1 pl. 8°.

—— New formula for mean velocity of discharge of rivers and canals; translated by L. d'A. Jackson. *London*, 1876. pl. 8°.

Lagrené (Henri de). Cours de navigation intérieure; fleuves et rivières; tome 1er. *Paris*, 1869. text and atlas, 2 v. in 1. f°.

Lagrange (Charles). Sur les mouvements continus de circulation d'un fluide par l'action de centres fixes. (Acad. roy. de Belgique. Bull. ser. 3, 1899, Sciences, [v. 37, pt. 1], pp. 251–293. *Bruxelles*, 1899.)

Lamb (Horace). A treatise on the mathematical theory of the motion of fluids. *Cambridge: The University Press*, 1879. x, 258 p. 8°.

—— Hydrodynamics. *Cambridge: University Pr.*, 1895. xvii, 1 l., 604 p. 8°.

—— Hydrodynamics. *Cambridge: The University Press*, 1906. xv (1), 634 p. 3. ed. 4°.

Lampe (C. J. H.) Allgemeine Bemerkungen über die Bewegung des Wassers in Röhren. (Dantzic. Naturf. Gesells. Schrift., n. F., Bd. 3.) [*Danzig*, 1872.] 8°.

Langsdorf (Karl Christian von). Physisch-mathematische Abhandlung über die Bewegung des Wassers in offenen Canälen. (Kön. Bayer. Akad. d. Wiss. Denksch. Math.-Phys. Kl. Bd. iii. pp. 313–436, 1 pl. *München*, 1812. 4°.)

—— Versuch einer neuen Theorie hydrodynamischer und pyrometrischer Grundlehren und deren Anwendung auf die Anlage neuer Röhrenleitungen, Pumpenkünste, Wassersäulen- und Dampf-Maschinen. Mit Kupfern. *Frankfurt: Krieger d. Jüngere*, 1787. LX, 294 p., 4 pl. 8°.

Lardner (Dionysius). A treatise on hydrostatics and pneumatics. *London: A. & R. Spottiswoode*, 1831. viii, 353 p. 16°.

—— A treatise on hydrostatics and pneumatics ...Notes by B. F. Joslin. *Philadelphia: Carey & Lea*, 1832. 1. Am. from 1. Lond. ed. viii, 273 p. 16°. (The Cabinet of Natural Philosophy.)

Laroche (F.) Travaux maritimes, phénomènes marins, accès des ports. *Paris: Baudry & Cie.*, 1891. 2 v. (2) ll., x, 478 p., ill., and atlas of 46 pl. 8° and f°. (Encycl. des Trav. Publ.)

Laura (Ernesto). Sulle equazioni differenziali canoniche del moto di un sistema di vortici elementari, rettilinei e paralleli, in un fluido incompressibile indefinito. (R. accad. d. sci. Atti. v. 40, pp. 296–312. *Torino*, 1905.)

Lawford (George Maxwell). The flow of water in long pipes. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 153, pp. 297–311. *London*, 1903.)

Lawrence (F. E.), *and* P. L. Braunworth. Fountain flow of water in vertical pipes. 8 pl. (Amer. Soc. Civil Engineers. Proc.—Papers & Discuss. v. 32, pp. 473–508. *New York*, 1906.)

Le Brun (Raymond). Note sur quelques phénomènes observés dans les cours d'eau a fond mobiles. (Mem. et compte rendu des travaux de la Soc. d. ingenieurs civils de France. *Paris*, 1898. 8°. Année 51, ser. 5, pp. 636–647.)

Lejeune-Dirichlet (Peter Gustav). Untersuchungen über ein Problem der Hydrodynamik. *Göttingen*, 1860. 4°. (K. Gesellsch. d. Wiss. z. Göttingen. Abh. v. 8.)

Lelong ( ). Sur les lois de l'écoulement de l'eau chaude sous pression. (Mém. du génie maritime. ser. 3, no. 2, pp. 177–185. *Paris*, 1901.)

Lesbros (Joseph Aimé). Expériences hydrauliques sur les lois de l'écoulement de l'eaux à travers les orifices rectangulaires verticaux à grandes dimensions, exécutées à Metz...*Paris: Imp. Nationale*, 1851. 2 p.l., xi, 509 p., 37 pl. sq. 4°. (Librairie scientifique industrielle.)

Repr.: Académie des sciences. Mémoires . . . T. 13.

Leupold (J.) Theatrum Machinarum hydraulicarum, oder Schau-Platz der Wasser-Künste. *Leipzig*, 1724–25. 2 v. f°.

Lodge (Oliver Joseph). Elementary mechanics, including hydrostatics. *London: W. & R. Chambers*, 1881. 204 p. 16°. (Chambers's elementary science manuals.)

Lohmann (A.) Der Wasser-Mahlmühlen-Bau. *Weimar*, 1856. 12°. (Schauplatz 223.)

Maillet (Edmond). Essais d'hydraulique souterraine & fluviale. *Paris: A. Hermann*, 1905. vi, 218, 1 l., 48 p. 8°. (Mécanique et physique du globe.)

Marks (G. C.) Hydraulic power engineering: a practical manual on the concentration and transmission of power by hydraulic machinery. *London: C. Lockwood & Son*, 1900. xvi, 360 p., 6 pl. 8°.

Marx (Charles D.), *and others*. Experiments on the flow of water in the six-foot steel and wood pipe line of the Pioneer Electric Power Company, at Ogden, Utah. By Charles D. Marx, C. B. Wing and L. M. Hoskins. (Amer. Soc. of Civil Engineers' Transac. v. 40. pp. 471–521. *New York*, 1898.)

Marzy (E.) L'hydraulique. *Paris*, 1868. il. pl. 12°. (Bibliothèque des merveilles.)

Massau (J.) Considérations sur le mouvement varié des cours d'eau. (Annales d. trav. pub. sér. 2, v. 6, pp. 307–332. *Bruxelles*, 1901.)

General Works, cont'd.

Matakiewicz (Maximilian). Versuch der Aufstellung einer Geschwindigkeitsformel für natürliche Flussbette. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 11, pp. 767–774; 12, pp. 317–324. *Wien*, 1905–6.)

Mattern (E.) Die Ausnutzung der Wasserkräfte. Technische und wirtschaftliche Grundlagen. Neuere Bestrebungen der Kulturländer. *Leipzig: W. Engelmann*, 1906. vii, 260 p. illus. 8°.

Maude (William). Mining and hydraulic engineering in Brazil. (Engineering Maga. v. 28, pp. 779–792. *New York*, 1905.)

Mead (Daniel Webster). Notes on hydrology, and the application of its laws to the problems of hydraulic engineering. [*Chicago: S. Smith & Co.*] 1904. xi, 202 p., 1 pl. illus. 8°.

Meissner (G.) Die Hydraulik und die hydraulischen Motoren. Ein Handbuch für Ingenieure, Fabrikanten und Konstrukteure. Zum Gebrauche für technische Lehranstalten sowie ganz besonders zum Selbstunterricht. Zweite vollständig neu bearbeitete Auflage von H. Hederich und Ingenieur Nowak. 3 v. in 4. [Die hydraulischen Motoren, von H. Hederich, zugleich als dritter Band.] *Jena: H. Costenoble* [pref. 1895]–99. 4 v. 8°.

Bd. 1. Die Hydraulik.
Bd. 2. Theorie und Bau der Turbinen und Wasserräder.
Bd 3. Die hydraulischen Motoren . . . von H. Hederich.

Mensbrugghe (Gustave van der). Sur l'élasticité développée dans les jets d'eau. (Acad. roy. de Belgique, Bull. 1904, Sciences, pp. 401–409. *Bruxelles*, 1904.)

—— Sur l'expérience inverse de celle du tonneau de Pascal. illus., plate. (Acad. roy. de Belgique. Bull. ser. 3, 1900, Sciences, pp. 611–615. *Bruxelles*, 1900.)

—— Sur un paradoxe hydrodynamique. (Acad. roy. de Belgique. Bull. 1902, Sciences, pp. 292–297. *Bruxelles* 1902.)

On a point in rapids in streams where the downstream force of the water is much reduced.

Merriman (Mansfield). Treatise on hydraulics. *New York: J. Wiley & Sons*, 1905. viii, 585 p. 8. ed. 8°.

Meusnier de la Place (Jean Baptiste Marie Charles), *and others*. Rapport fait à l'Acad. des Sci., 7 sept. 1790, des moyens hydrauliques présentés par M. Detrouville. *n. t.-p.* [*Paris*, 1790?] pl. 4°.

Miller (W. H.) The elements of hydrostatics and hydrodynamics. *Cambridge*, 1831. 8°.

Minard (C. J.) Cours de construction des ouvrages qui établissent la navigation des rivières et des canaux, avec Atlas. *Liège*, 1851. 2 v. 4°.

Moeller (Max). Grundriss des Wasserbaues. Für Studierende und Ingenieure. *Leipzig: S. Hirzel*, 1906. 2 v. illus. 8°.

Bd. 1. Grundbau, Uferwände, Baggerungen, Die Wasserstrassen Deutschlands.
Bd. 2. Flussbau. Der Kanalbau und Schiffahrtsbetrieb.

Moeller ( ). Die Förderung wasserbautechnischer Studien. (Zeitschr. f. Architektur u. Ingenieurwesen. Jahrg. 46, col. 81–87; 113–118. *Hannover*, 1900.)

Moir (E. W.) Hydraulic appliances at the Forth bridge works. *London*, 1888. 8°.

Extr. Inst. Civ. Eng. Mio. of proceed. v. 91, Sess. 1887–'88, pt. 1.

Mollet (J.) Hydraulique physique, ou Connaissance des phénomènes que présentent les fluides, soit dans l'état de repos, soit dans celui de mouvement. Ouvrage élémentaire, renfermant l'hydrostatique et l'hydrodynamique. *Lyon*, 1809. 8°.

Montanari (G.) Lettera...scritta à Roma all'... Sig. Abbate Carlo Antonio Sampieri in risposta ad alcune obiezioni intorno in suoi Pensieri fisico-matematici... *Bologna: E. Maria, e Fratelli de' Manolessi*, 1667. (In his: Pensieri fisico-matematici...*Bologna*, 1667. pp. 57–88. 8°.)

—— Pensieri fisico-matematici sopra alcune esperienze fatte in Bologna nell' Accademia Filosofica eretta dall'...Carlo Antonio Sampieri intorno diuersi effetti de' liquidi in cannuccie di vetro & altri vasi...*Bologna: Manolessi*, 1667. 53 p., 1 pl. 8°.

—— —— [with Lettera...scritta à Roma all' Sig. Abbute Carlo Antonio Sampieri...] *Bologna: Manolessi*, 1667. 88 p., 1 pl. 8°.

Moseley (H. A.) Treatise on hydrostatics and hydrodynamics; for the use of students in the University. *Cambridge*, 1830. 8°.

Montagu (Ralph L.) A suggested hydraulic unit. (Electr. Rev. v. 43, pp. 465. *New York*, 1903.)

Morano (D.) Intorno alla dinamica delle acque della Force ed al canale regolato di Sarno. *Napoli: V. Morano*, 1882. 2 p.l., (1) viii–xxiii, 149 p., 1 l., 8 maps. 8°.

Morin (Arthur Jules). Des machines et appareils destinés à l'élévation des eaux. *Paris*, 1863. il. pl. 8°.

Müller (Rudolf). Abfluss-Geschwindigkeit und Quantität. Neue Rechnungs-Methoden und einige interessante Schlussfolgerungen. (Österr. Monatschr. f. d. öffentl. Baudienst. Jahrg. 5, pp. 345–352. *Wien*, 1899.)

Murphy (Edward C.) Current meter and weir discharge comparisons. [Discussion.] 1 pl. (Amer. Soc. of Civil Engineers. Transac. v. 47, pp. 370–391. *New York*, 1902.)

Mylius ( ), *and* ( ) Isphording. Der Wasserbau an den Binnenwasserstrassen. Ein Lehr- und Handbuch für Stromaufsichtsbeamte der preussischen Wasserbauverwaltung. Im Auftrage des Ministeriums der Öffentlichen Arbeiten...*Berlin: W. Ernst & Sohn*, 1904–06. 2 v. 8°.

—— —— Anhang. Leitfaden für das Rechnen, für Flächen- und Körperlehre. *Berlin*, 1904. vi, 52 p. 8°.

Navier (C. L. M. H.) Mémoire sur l'écoulement des fluides élastiques dans les vases et les tuyaux de conduite, lu Juin, 1829. *Paris*, 1829. 4°.

—— Mémoire sur l'écoulement des fluides elastiques dans les vases et les tuyaux de conduite, lu Juin, 1829. *n. t.-p. Paris*, 1829. pp. 311–378, 1 pl. 4°.

—— Mémoire sur les lois du mouvement des fluides, lu 1822. *Paris*, 1822. 4°.

—— Sur les lois du mouvement des fluides, en ayant égard à l'adhésion de leurs molécules. [*Paris*, 1821.] 4°.

General Works, cont'd.

—— Résumé des leçons, etc., deuxième partie, contenant les leçons sur le mouvement et la résistance des fluides, etc. Fol. Lithographed. [1820?]

Neumann (Karl Gottfried). Hydrodynamische Untersuchungen, nebst einem Anhange über die Probleme der Elektrostatik und der magnetischen Induction. *Leipzig: B. G. Teubner*, 1883. xl, 320 pp. 8°.

Neville (J.) Hydraulic tables, coefficients and formulæ for finding the discharge of water from orifices, notches, weirs, pipes, and rivers. *London*, 1853. 8°.

—— —— 3. ed., with additions. *London*, 1875. illus. 12°.

Niles (Marston). The stream-line hypothesis. (Engineer. v. 89, pp. 46–47. *London*, 1900.)

Noble (Theron A.) The flow of water in wood pipes. [With discussion.] 3 pl. (Amer. Soc. Civil Engineers. Transac. v. 49, pp. 112–164. *New York*, 1902.)

Northway (Mary T.), *and* A. S. MACKENZIE. On the period of a rod vibrating in a liquid. (Phys. Rev. v. 13, pp. 145–164. *Lancaster, Pa.*, 1901.)

Oliveira (J. Eulalio da Silva). Hydraulica; lições dadas na Escola Militar do Brazil. *Rio de Janeiro: Imp. Nacional*, 1903. xvi, 338 p., 1 plan, 22 pl. 8°.

Orr (William M'F.) The stability or instability of the steady motions of a perfect liquid and of a viscous liquid. (Royal Irish Acad. Proc. v. 27, (Sec. A), pp. 9–68. *Dublin*, 1907.)

Oseen (Carl Wilhelm). Bidrag till teorien för vågrörelse i strömmar. [2]+34 p. (Lunds univ. årsskrift. v. 37, pt. 2, no. 7. *Lund*, 1901.)

Outflow of water from tanks or reservoirs. (Engineer. v. 91, pp. 363–364. *London*, 1901.)

Panetti (Modesto). Teoria della resistenza delle piastre tronco-coniche e sue applicazioni al calcolo di alcuni organi meccanici e dei serbatoi cilindrici. 2 plates. (R. accad. d. sci. Atti. v. 40, pp. 349–377. *Torino*, 1905.)

Parenty ( ). Mémoire descriptif sur la construction d'un appareil à enregistrer les vitesses et à totaliser des débits des conduites forcées et des canaux découverts. (Annales d. ponts et chaussées. pt. 1, année 76 (ser. 8, v. 21), pp. 170–197. *Paris*, 1906.)

Pascal (B.) Récit de la grande expérience de l'équilibre des liqueurs, Paris, 1648. Facsimile-druck mit einer Einleitung. *Berlin: A. Asher & Co.*, 1893. 8 p., 1 l., 20 p. 4°. (Neudrucke von Schriften und Karten über Meteorologie und Erdmagnetismus. No. 2.)

Patch (Walter W.) Measurement of the flow of water in the Sudbury and Cochituate aqueducts. (Engineering News. v. 47, pp. 448–490. *New York*, 1902.)

Perdoni (T.) Idraulica. *Milano: U. Hoepli*, 1897. xxviii, 392 p. 16°. (Manuali Hoepli.)

Pegoretti (Giovanni). Manuele practico per l'estimazione dei lavori architettonici, stradali, idraulici e di fortificazione...Seconda edizione riveduta...di diversi ingegneri, con note sulla costruzione delle strade comuni e ferrate dell' ingegnere Antonio Cantalupi. *Milano: D. Salvi e Co.*, 1863–64. 2 v. 4°. (Biblioteca scelta dell' ingegnere civile. Vol. xiii–xiv.)

Pétroff (N.) Résultats les plus marquants de l'étude théorique et expérimentale sur le frottement médiat. (Rev. de mécanique. v. 7, pp. 571–602. *Paris*, 1900.)

Pfeffer (L.) Die Beziehung zwischen dem Kernpunkte und dem hydrostatischen Druckmittelpunkte einer Fläche. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 10, pp. 366–369. *Wien*, 1904.)

Piola (G.) Nuove ricerche per una riduzione rigorosa di vari problemi sul motu dell' acque. s. l. 1840. 4°.

Plenkner (W.) Streiflichter über die Bewegungsformeln des Wassers im Dienste des Wasserbaues. (Österr. Wochenschrift f. d. öffentl. Baunienst. Jahrg. 12 (1906), pp. 629–636. *Wien*, 1906.)

Poiseuille ( ). Recherches experimentales sur le mouvement des liquides dans les tubes de très-petits diamètres. *Paris*, 1842. 433–543 p., 1 pl. 4°.

Poncelet ( ), *and* ( ) LESBROS. Experiences hydrauliques sur les lois de l'écoulement de l'eau à travers les orifices rectangulaires verticaux à grandes dimensions, entreprises à Metz. *Paris: Imprimerie Royale*, 1832. ii, 267 p., 7 pl. 4°.

Prony (G. C. F. M. R. de). Nouvelle architecture hydraulique, contenant l'art d'élever l'eau au moyen de differentes machines, de construire dans ce fluide, de le diriger, et généralement de l'appliquer, aux besoins de la societé. 2 vols. 4°. 1790–96.

—— Neue Architectura hydraulika; aus dem Französischen von K. C. Langsdorf. *Frankfurt am Main*, 1795–1801. 2 v. Plans. 4°.

—— Recueil de cinq tables; pour faciliter et abréger les calcules des formules relatives au mouvement des eaux dans les canaux découverts et les tuyax de conduite; pour présenter les résultats de 167 expériences pour l'établissement de ces formules. *Paris*, 1825. 4°.

—— Recherches physico-mathématiques, sur la théorie des eaux courantes. *Paris*, 1804. 4°.

Prouteau (J.) Les nouvelles machineries hydrauliques. (Rev. technique, annales des trav. pub. et des chemins de fer et de l'automobilisme. *Paris*, 1898. f°. v. 19, pp. 472–473; 496–501; 546–551.)

Pujol, *Abbe.* Traité du mouvement et de la mesure des eaux coulantes et jaillissantes tiré des MSS. de M. Varignon. *Paris*, 1725. 4°.

Quinette de Rochemont ( ), *baron, and* H. DESPREZ. Cours de travaux maritimes professé à l'École nationale des ponts et chaussées. Tome 1–2 and atlas. *Paris: C. Béranger*, 1900–01. 3 v. 4°.

Rafter (George W.) On the flow of water over dams. 1 pl. (Amer. Soc. of Civil Engineers. Transac. v. 44, pp. 220–314. *New York*, 1900.)

Ramsay (William). An experiment on hydrostatic pressure. (Archives néerlandaises, ser. 2, v. 6, pp. 349–351. *La Haye*, 1901.)

Rateau (A.) Experimental investigations upon the theory of the Pitot tube and the Woltman mill. (Transac. of the Inst. of Mining Engineers. v. 17, pp. 124–163. *Newcastle-upon-Tyne*, 1899.)

General Works, cont'd.

Rayleigh (*3. baron*), J. W. STRUTT. On the capillary phenomena of jets. (In his: Scientific Papers. *Cambridge*, 1899. 4°. v. 1, pp. 377–401.)

—— Further observations upon liquid jets, in continuation of those recorded in the Royal Society's 'Proceedings' for March and May, 1879. (In his: Scientific Papers. *Cambridge*, 1900. 4°. v. 2, pp. 103–117.)

—— On the instability of jets. (In his: Scientific Papers. *Cambridge*, 1899. 4°. v. 1, pp. 361–371.)

Renau[**d'** Eliçagaray (Bernard)]. Mémoire où est demontré un principe de la mechanique des liqueurs...qui a été contesté par M. Hughens. [*Paris?* 169–?] 116 p., 11 pl. 16°.

Rennie (G.) On the friction and resistance of fluids. *London*, s. a. 4°.

Robinson (B.) An account of the motion of water through orifices and pipes, and an answer to Dr. Morgan. Remarks on the treatise of animal œconomy. *Dublin*, 1735. 8°.

Roloff (P.) Statistische Nachweisungen über ausgeführte Wasserbauten des preussischen Staates. Bearbeitet im Ministerium der öffentlichen Arbeiten. *Berlin: W. Ernest & Sohn*, 1907. 3 p.l., 136 p. illus. f°.

Repr.: Zeitschrift für Bauwesen, Jahrgang 1900, 1901, und 1904.

Rosenhain (W.) Experiments on steam-jets. *London: Inst. Civ. Eng.*, 1900. 24 p. 8°.

Rother (M.) Ein Beitrag zum Probleme der Spiegelabsenkung in Wasserläufen mit freiem Spiegel. (Zeitschr. f. Gewässerkunde. v. 2, pp. 274–309; 337–347. *Leipzig*, 1899.)

Saph (Augustus V.), *and* ERNEST W. SCHODER. An experimental study of the resistances to the flow of water in pipes. [With discussion.] 5 pl. (Amer. Soc. Civil Engineers. Transac. v. 51, pp. 253–330. *New York*, 1903.)

—— —— (Proceedings. Papers. v. 29, pp. 419–478. *New York*, 1903.)

Saussure (René de). The geometry of fluids in motion. (The Cath. Univ. Bulletin. *Washington*, 1898. 8°. v. 4, pp. 183–197.)

Schermerhorn (L. Y.) The water-jet as an aid to engineering construction. (Proc. Engineers' Club of Phila. v. 17, pp. 207–225. *Philadelphia*, 1900.)

Schieldrop (B.) On resistance to the motion of solids in a fluid. (Engineering. *London*, 1898. f°. v. 65, pp. 577-579.)

Schoder (Ernest W.) A diagram for the flow of water in pipes. (Engineering Rec. v. 50. p. 281. *New York*, 1904.)

—— Some notes on the flow of water. (Transac. Assoc. of Civil Engineers of Cornell Univers. 1904, pp. 80–87. *Ithaca*, 1904.)

Scoofs (G.) Abaques pour la résolution des problemes relatifs à l'écoulement des liquides dans les conduites et égouts. 1 pl. (Annales d. trav. pub. de Belgique. Année 62, sér. 2, v. 11, pp. 313–327. *Bruxelles*, 1906.)

Schott (G.) Mechanica hydraulico-pneumatica. Opus bipartitum. Pars I: Mechanicæ, Hydraulico-pneumaticæ theoriam continet; Pars II: Ejusdempraxin exhibit, machinasque aquarias innumeras exdonit. *Herbipoli*, 1657. 4°.

—— Anatomia physico-hydrostatica fontium ac fluminum explicata et figuris æri incisis exornata. Accedit in fine Appendix de vera origine Nili. *Herbipoli*, 1663. 8°.

Seddon (James A.) A mathematical analysi. of the influence of reservoirs upon stream-flows (Amer. Soc. of Civil Engineers. Transac. v. 40, pp. 401–427. *New York*, 1898.)

Segner (J. A.) Exercitatio hydraulica. De celeritate qua liquidum in quavis ejusdem tubi parte fluit. Dissertatio. *Gottingæ*, 1747. 4°.

Sharpe (H. J.) Liquid motion from a single source inside a hollow unlimited boundary. (Proc. Cambr. Philosoph. Soc. v. 11, pp. 223–238. *Cambridge*, 1901.)

Shaw (H. S. Hele-). *See* **Hele-Shaw** (H. S.)

Siedek (Richard). Die natürlichen Normalprofile der fliessenden Gewässer. 1 pl. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 133–139. *Wien*, 1902.)

—— Studie über die Bestimmung der Normalprofile geschiebeführender Gewässer. 1 pl. (Ztschr. d. österr. Ingen u. Architekten-Vereines. Jahrg. 57, pp. 61–66; 71–73; 77–84. *Wien*, 1905.)

—— Studie über eine neue Formel zur Ermittlung der Geschwindigkeit des Wassers in Flüssen und Strömen. (Ztschr. d oesterr. Ingen. u. Architekten-Vereines. Jahrg. 53, pp. 397, 401, 409–413, 445–451. *Wien*, 1901.)

—— Studie über eine neue Formel zur Emittlung der Geschwindigkeit des Wassers in Bächen und künstlichen Gerinnen. (Ztsch. d. österr. Ingen. u. Architekten-Vereines. Jahrg. 55, pp. 98–106; 117–126. *Wien*, 1903.)

—— Wasserstands-Fernmelde-Apparat System Siedek-Schäffler. 1 pl. (Ztschr. f. Gewässerkunde. v. 3, pp. 69–91. *Leipzig*, 1900.)

Slagg (C.) Discharge of water over weirs. *London: The Institution*, 1887. 5 p., 1 pl. 8°.

Excerpt, Minutes of Proceedings of the Institution of Civil Engineers. v. 90, Session 1886–'87. pt. 4.

Slichter (Chas. S.) A new method of determining the velocity of underground water. (Engineering News. v. 47, p. 151. *New York*, 1902.)

Sonne (Eduard), *and* KARL ESSELBORN. Elemente des Wasserbaues für studierende höherer Lehranstalten und jüngere Techniker. Mit 226 Abbildungen...*Leipzig: W. Engelmann*, 1904. ix, 337 p. 4°.

Sonne (Ed.), *joint author*. Franzius, L., and S. Der Wasserbau. (Handbuch d. Ingenwiss., 3. Bd.) *Leipzig*, 1879. 2 v. il. 68 pl. 8°.

Spataro (D.) Idrodinamica. (Annali d. soc. degli ingegneri e degli architet. Ital. anno 14, pt. 2, pp. 143–173. *Roma*, 1899.)

Stanley (William Ford). Experimental researches into the properties and motions of fluids, with theoretical deductions therefrom. *London: E. & F. N. Spon*, 1881. xvi, 550 p. 8°.

Stanton (T. E.) Some characteristics of the flow of water in channels of varying cross section. (Engineering. v. 74, pp. 664–666. *London*, 1902.)

Stevenson (D.) The principles and practice of canal and river engineering. 2d ed. *Edinburgh*, 1872. il. pl. map. nar 4°.

General Works, cont'd.

Stewart (Clinton B.) Flow of water in pipes. (Engineering News. v. 45, pp. 262–263. *New York*, 1901.)

Strickland (Tom Percival), *and* JOHN TAYLOR FARMER. The phenomena of jets springing from non-circular orifices. 3 plates paged in. (Roy. soc. of Canada. Trans. ser. 2, v. 4, sec. 3, pp. 59–89. *Ottawa*, 1898.)

Strukel (M.) Der Wasserbau. Nach den Vortragen gehalten am polytechnischen Institute in Helsingfors. Th. 1–4 [and] Skizzenbuch. *Helsingfors: W. Hagelstam*, 1897–1904. 5 v. in 4. 4°.

Sullivan (M. E.) New hydraulic formulas, and the law of variation of the coefficient. [Discussion.] (Mich. Engineer. 1900, pp. 24–51. *Battle Creek*, 1900.)

Suschnig (Gustav). Neue Experimente mit Wirbelringen. (Kais. Akad. d. Wissensch. Math naturwiss. Classe. Sitzungsb. v. iii, pt. 2a, pp. 830–845. *Wien*, 1902.)

Tadini (A.) Di varie cose alla idraulica scienza appartenenti. *Bergamo*, 1830. 4°.

Tams (W. P.) Diagram for power pipes. [To facilitate the determination of the maximum horsepower obtainable from water under different heads flowing through pipes of different diameters.] (Engineering Rec. v. 51, pp. 440. *New York*, 1905.)

Tippy (B. O.) Pitch in hydraulic mains. (Progressive Age. *New York*, 1899. f°. v. 17, pp. 88–89.)

Tolkmitt (G.) Grundlagen der Wasserbaukunst. *Berlin: W. Ernst & Sohn*, 1898. vii, 292 p. 4°.

Tolman (B.) Das absolute Maximum des hydraulischen Staues. (Ztschr. d. österr. Ingen.-u. Architekten-Vereines. Jahrg. 57, pp. 132–133. *Wien*, 1905.)

Trautwine (John C.) Some hydraulic resistances. 2 pl. (Transc. Assoc. of Civil Engineers of Cornell Univers. 1903, pp. 37–42. *Ithaca*, 1903.)

Tredgold (Thomas). Tracts on hydraulics, with notes by the editor. 2d ed. *London*, 1862. pl. nar. 4°.

Contents: SMEATON, J. Experimental inquiry concerning the natural powers of water and wind to turn mills . . . ; Experimental examination of the quantity and proportion of mechanic power necessary in giving different degrees of velocity to heavy bodies; New fundamental experiments upon the collision of bodies; VENTURI, G. B. Experimental inquiries concerning the principle of the lateral communication of motion in fluids; YOUNG, T. Summary of the most useful parts of hydraulics.

Tutton (Charles H.) A proposed solution of some hydraulic problems. [Discussion.] (Amer. Soc. of Engineers. Transac. v. 47, pp. 392–425. *New York*, 1902.)

—— The flow of water in pipes. 7 pl. (Jour. Assoc. of Engineering Soc. v. 23, pp. 151–165. *Philadelphia*, 1899.)

—— The flow of water in pipes. *Buffalo: Matthews-Northrup Co.*, 1896. 17 p., 1 diag., 12 pl. 8°. (Engineers' Society of Western New York. Transactions. v. 1, no. 7.)

Unwin (William Cawthorne). A treatise on hydraulics. *London: A. & C. Black*, 1907. xi, (1), 327 p. diagr. 8°.

Vallejo (J. M.) Tratado sobre el movimiento y aplicaciones de las aguas. *Madrid*, 1833. 3 v. 4°.

Van Haute ( ). La construction des murs en surface gauche. (Annales d. trav. pub. de Belgique. sér. 2, v. 6, pp. 349–357. *Bruxelles*, 1901.)

Varignon (P.) Traité de mouvement et de la mesure des eaux courantes. *Paris*, 1725. 4°.

Vauthier (L. L.) Hydraulique des cours d'eau. Barrages à encombrement et barrage en lit évasé, sans encombrement. (Annales d. ponts & chaussées. pt. 1. sér. 7, année 10, pp. 207–266. *Paris*, 1900.)

Vellut (Georges). Abaque de l'écoulement des liquides dans les égouts formés de tuyaux en grès vernissé. (Annales des trav. pub. de Belgique. ser. 2, v. 7, pp. 943–954. *Bruxelles*, 1902.)

—— L'écoulement des liquides dans les égouts. 1 pl. (Annales d. trav. publics de Belgique. ser. 2, v. 6, pp. 787–807. *Bruxelles*, 1901.)

Venturi (G. B.) Experimental inquiries concerning the principle of the lateral communication of motion in fluids. Translated from the French by W. Nicholson. *London*, 1799. 4°.

Verwey (W.) Waterstaatkundige beschrijving van Nederland. *'s Gravenhage: Gebr. van Cleef*, 1890. x, 478 p. and atlas of 66 pl. 8°, f°. (Waterbouwkunde. Deel 2^{13}.)

Viallon (J. M.) Extrait d'un ouvrage traitant d'un nouveau moyen pour élever les eaux par un double Serpenteau. *Paris*, 1798. 4°.

Vicentini (Giuseppe). Sulle velocità degli anelli vorticosi di alcuni cannoni grandinifughi. (R. istituto veneto. Atti, v. 62, pt. 2, pp. 1–16. *Venezia*, 1902–03.)

Viterbi (Adolfo). Sopra una classe di moti vorticosi permanenti. (R. istituto veneto. Atti, v. 61, pt. 2, pp. 449–464. *Venezia*, 1902.)

Voch (L.) Einleitung zu der Architectura Hydraulica oder gründlicher Unterricht, was man in dieser Wissenschaft von Brunnenkünsten . . . zu wissen nöthig hat. Nebst einer Anleitung zu den nöthigsten Berechnungen [etc.]. *Augsburg: E. T. Lotter*, 1769. 2 p.l., 32 p., 6 pl. f°.

Walter (C.) Architectura hydraulica. *Augsburg*, 1765. f°.

Walter (Heinrich). Neues analytisch-graphisches Verfahren zur Bestimmung der Stauweite. (Ztschr. f. Gewässerkunde. v. 5, pp. 65–105. *Leipzig*, 1902.)

Wasserbau (Der). . . Abteil. 2^{1-2}, 3^{1-2}. *Leipzig: W. Engelmann*, 1895–1906. 3. ed. 4 v. 4°. (In: Handbuch der Ingenieurwissenschaften. Bd. 3, Abt. 2^{1-2}, 3^{1-2}.)

Waterbouwkunde, door N. H. Henket, Ch. M. Schols en J. M. Telders, met medewerking van verschillende ingenieurs. 4 Deel, in Afd. 1–15, 15B; Atlas to Afd. 2, 6, 7, 11, 13, 14, 15, 15B. *'s Gravenhage: Gebr. van Cleef*, 1885–99. 25 v. 8°, f°.

Deel 1, Afd. 1. STEUERWALD (E.), and C. M. SCHOLS. Beschoeiingen en bekleedingsmuren. Atlas. 1885.
2. TELDERS (J. M.) Sluizen. 2 v. 1891–96.
6. STEUERWALD (E.), and C. M. Schols. Polders. 1883.
7. MEIJER (J. E. de). Bevloeiingen. 1891.

General Works, cont'd.

Deel 2, Afd. 11. LELY (C.) Rivieren en rivierwerken. 1890.
13. VERWEY (W.) Waterstaatkundige beschrijving van Nederland. 1890.
Deel 3, Afd. 14. HENKET (N. H), and others. Bruggen. 4 v. 1885–96.
Deel 4, Afd. 15. FOCK (A.), and others. Wegen. 1885.
15B. HASSALT (A. K. P. F. R. van), and J. D. C. M. VAN ROSS. Spoorwegen. [1886–]1899.

Webster (Thomas). The principles of hydrostatics. 3d ed. *London*, 1847. il. 8°.

Weingarten (Julius). Zur Theorie der Wirbelringe. (Nachrichten v. d. Königl. Gesellschaft d. Wissenschaften zu Göttingen. Math.-Phys. Klasse. 1906, pp. 81–93. *Berlin*, 1906.)

Weisbach (J.) [Versuche über die Kraft des Wassers durch Druck, Stoss und Reaction; 1:] Versuche über die Leistung eines einfachen Reactionsrades, an einem grösseren Modelle. *Freiberg*, [*Leipzig printed*, | 1851. pl. diagr. 8°.

White (Peter), *and* WILLIAM WATSON. Some experimental results in connection with the hydrodynamical theory of seiches. (R. Soc. of Edinburgh. Proc. sess. 1905–6. v. 26, pp. 142–156. *Edinburgh*, 1906.)

White (W. M.) Water measurements in connection with a test of a centrifugal pump at Jourdan avenue drainage station, New Orleans, La. (Jour. Assoc. Engineering Soc. v. 25, pp. 161–172. *Philadelphia*, 1900.)

Wiebeking (C. F.) Theoretische-practische Wasserbaukunst, neue und vermehrte Ausgabe mit 153 Kupfern. *München*, 1811–17. 4 v. 4°.

Wien (Willy). Hydrodynamische Untersuchungen von H. v. Helmholtz. (Kön-preuss. Akad. d. Wissensch. Sitzungsb. 1904, pp. 716–736. *Berlin*, 1904.)

—— Lehrbuch der Hydrodynamik. *Leipzig: S. Hirzel*, 1900. xiv, 320 p. 8°.

Williams (G. S.), *and others*. Experiments at Detroit, Mich., on the effect of curvature upon the flow of water in pipes. By G. S. Williams, C. W. Hubbell, and D. H. Fenkell. [With discussion.] (Amer. Soc. Civil Engineers. Proc. v. 27. Papers. pp. 314–505; 867–903; 958–966; 1133–1145. *New York*, 1901.)

Woltmann (Reinhard). Einige Bemerkungen und Erörterungen über die Stellung und Standhaftigkeit (position und stabilité) fester Körper, Wenn sie auf dem Wasser schwimmen. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1827. pp. 115–138, 1 pl. *Berlin*, 1830. 4°.)

Wood (R. V.) Vortex rings. (Nature. v. 63, pp. 418–420. *London*, 1901.)

Zermelo (E.) Hydrodynamische Untersuchungen über die Wirbelbewegungen in einer Kugelfläche. (Ztschr. f. Mathematik u. Physik. v. 47, pp. 201–237. *Leipzig*, 1902.)

AQUEDUCTS.

Asia Minor.

Dariès (G.) Calcul des canaux & aqueducs. *Paris: Gauthier-Villars* [1898?]. 180 p. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'ingenieur.)

Graeber (Friedrich). Vorläufiger Bericht über Untersuchung der Pergamenischen Wasserleitungen. (Kön-preuss. Akad. d. Wissensch. Sitzungsb. 1906, pp. 838–846. *Berlin*, 1906.)

—— Die Wasserleitungen von Pergamon. Vorläufiger Bericht. Mit einem Beitrage von Carl Schuchhardt. 31 p., 1 diag., 1 map. (Kön. Preuss. Akad. d. Wiss. Berlin, Anhang. Abh. Philos.-Hist. Kl. 1887. I. *Berlin*, 1888. 4°.)

Weber (Georg), *of Smyrna*. Die Hochdruck-Wasserleitung von Laodicea ad Lycum. Illus. plate. (Kais. deutsch. archäol. Inst. Jahrbuch, v. 13, pp. 1–13. *Berlin*, 1898.)

—— Wasserleitungen in kleinasiatischen Städten; Metropolis, Tralleis, Antiochia ad Maeandrum, Aphrodisias, Trapezopolis, Hierapolis, Apamea Kibotos, Antiochia ad Pisidiam. Illus. 2 plans. (Kais-deutsch. archäol. Inst. Jahrb. v. 19, pp. 86–101; v. 20, pp. 202–210. *Berlin*, 1904–06.)

—— Die Wasserleitungen von Smyrna. Illus. 2 maps. (Kais-deutsch. archäol. Inst. Jahrbuch, v. 14, pp. 4–25. *Berlin*, 1899.)

Australia.

Acquedotto (L') di Coolgardie nell' Australia occidentale. 1 pl. (Giornale d. genio civile. anno 42, pp. 560–566. *Roma*, 1904.)

France.

Acheres (The) aqueduct, Paris. (The Engineering Rec. *New York*, 1898. f°. v. 37, pp. 409–410, 473–476.)

Bechmann *and* LAUNAY. Notice sur les travaux de l'aqueduc et du parc agricole d'Achères. *Paris: P. Vicq-Dunod et Cie.*, 1897. 264 p., 10 pl., 4 tab. 8°.
Ext.: Annales des ponts et chaussées, pt. 2. 1897.

Nuovo acquedotto per la città di Lione. 1 pl. (Giornale del genio civile. anno 40, pp. 95–100. *Roma*, 1902.)

Germany.

Krohmann (A.) Die Wasserleitung des römischen Trier. (Westdeutsche Ztschr. f. Geschichte u. Kunst. Jahrg. 22, pp. 237–274. *Trier*, 1903.)

Great Britain.

Bazley (Thomas). The Barton aqueduct; read before the Stretford Mutual Improvement Society, Nov., 1859. *Manchester*, 1859. 8°.

Lapworth (H.) The construction of the Elan aqueduct: Rhayader to Dolau. *London: Inst. Civ. Eng.*, 1900. 16 p. 8°.
Excerpt; Proc. Inst. Civ. Eng.

Italy.

APULIA.

Acquedotto (L') Pugliese. 3 pl. (Giornale del genio civile. anno 38, pp. 205–225. *Roma*, 1900.)

Aqueducts, cont'd.

Cadolini (Giovanni). L'acquedotto delle Puglie. (Nuova antologia. ser. 4, v. 95, pp. 401–424. *Roma*, 1901.)

Insufficienze (Le) dei progetti per l'acquedotto Pugliese. (Giornale degli economisti. ser. 2, v. 24, pp. 479–499. *Roma*, 1902.)

X. Per l'acquedotto nelle Puglie. (Nuova antologia. *Roma*, 1898. 8°. v. 78, pp. 104–133.)

BOLOGNA.

Brazzola (Floriano). L'acquedotto di Bologna. Studiato in rapporto all' igiene. 4 pl. (Memorie d. R. Accad. d. sci. d.' istit. di Bologna. Ser. 5, v. 7, pp. 91–122. *Bologna*, 1898.)

CASERTA.

Prospetto degli archi del Reale aquedotto per le delizie di Caserta edificato nella valle dei Monti Tifata. 2 double pl. f°. (In: Dichiarazione dei disegni del Reale Palazzo di Caserta... *Napoli*, 1756. f°.)

PERUGIA.

Nuovo (Il) acquedotto di Perugia. 2 pl. (Giornale del genio civile. anno 39, pp. 32–40. *Roma*, 1901.)

ROME.

Bousrez (Louis). Étude sur les aqueducs de l'époque romaine. (Bull. archéol. année 1899, pp. 425–436. *Paris*, 1899.)

Butler (Howard Crosby). The Roman aqueducts as monuments of architecture. (Amer. Jour. of Archæol. ser. 2, v. 5, pp. 175–199. *Norwood, Mass.*, 1901.)

Dubois-Reymond (René). Hydromechanische Bemerkungen betreffend altrömische Wasserleitung. (Beiträge z. alten Geschichte. v. 3, pp. 268–271. *Leipzig*, 1903.)

Fabretti (Raffaello). De aquis et aquæductibus veteris Romæ. (In: Grævius (J. G.) Thesaur. antiq: Rom. *Venetiis*, 1732. f°. t. 4. 1 l., col. 1679–1773, 3 maps, 2 pl. illus.)

—— De aquis et aquæductibus veteris Romæ dissertationes tres. *Romæ*, 1680.

Frontinus (Sextus Julius). Sexti Julii Frontini, viri consularis, de aquæductibus urbis Romæ. 34 ff. (In: M. VITRUVIUS POLLIO, Vitruvius iterum [de architectura] et Frontinus... [*Florentiæ*, 1513.] 8°.)

—— De aquæductibus urbis Romæ. (In: Grævius (J. G.) Thesaur. antiq. Rom. *Venetiis*, 1732. f°. t. 4. 1 l., col. 1629–1670.)

—— Sexti Julii Frontini, viri consularis, de aquæductibus urbis Romæ liber primus [et secundus]. (In: VITRUVIUS... *Argentorati*, 1543. 12°. 17 l.)

—— De aquæductibus urbis Romæ commentarius. *Patavii*, 1722. 4°.

Leges sive constitutiones imperiales de aquæductibus tam Romæ veteris quam novæ, urbis scilicet Constantinopolitanæ. (In: Grævius (J. G.) Thesaur. antiq. Rom. *Venetiis*, 1732. f°. t. 4. col. 1671–1676.)

[**Morsolin** (Bernardo).] L'acquedotto Romano e il teatro Berga di Vicenza. [By B. Morsolin.] *Venezia: a spese della Società*, 1884. 19 p. 4°. (In: Reale deputazione Veneta di storia patria Monumenti storici. Ser. 4, vol. 3.)

Rondelet (Giovanni). Descrizione dei principali acquidotti costrutti sino ai giorni nostri, corredata delle leggi o costituzioni imperiali su gli acquidotti e d'un sunto idraulico, memoria stesa in appendice al commentario di Frontino su gli acquidotti di Roma. *Mantoua*, 1841. 4°.

Spain.

Mayo (Angel). Memoria relativa à las obras del acueducto de Tempel para el abastecimiento de aguas à Jerez de la Frontera. 243 p., 2 pl. (Anales de obras pub. Mem. y doc. v. 3. *Madrid*, 1877.)

United States.

Crosby (William Otis). Geology of the Weston Aqueduct of the Metropolitan Water Works in Southboro, Framingham, Wayland, and Weston, Massachusetts. map. (Technology quarterly. v. 17, p. 101–116. *Boston*, 1904.)

Flinn (Alfred D.) The Weston aqueduct of the Metropolitan Water Works, Boston. (Engineering Rec. v. 43, pp. 418–420. *New York*, 1901.)

Great Falls Manufacturing Co. vs. United States. Testimony taken at Washington City for the Board of Arbitrators, in the matter between the Washington aqueduct and the Great Falls Manufacturing Co. By E. F. Brown, commissioner. *n. p.*, [1863?] 1 p.l., 85 pp. 8°.

Honens (Fred W.) Aqueduct bridges on the Illinois and Misissippi Canal. illus. (Engineering Rec. v. 55, pp. 769–770; v. 56, pp. 20–23. *New York*, 1907.)

Hubbard (William J.) Argument on behalf of Joseph Tilden and others, remonstrants, on the hearing of the petition of the Mayor . . . of Boston, on behalf of the City Council, for a grant of the requisite powers to construct an aqueduct from Long Pond to the city, before a joint special committee of the Massachusetts Legislature. March 6, 1845. *Boston: T. R. Marvin, prtr.*, 1845. 54 p. pap. 8°. (Mass. Gen. Court.)

Hutton (William R.) The Washington aqueduct. 1853–1898. (Engineering Rec. v. 40, pp. 190–194. *New York*, 1899.)

In the matter of the contract for furnishing brick for the Washington Aqueduct. *n. t.-p.* [*Washington?* 1857?] 6 p. 8°.

Lacks all after p. 6.

W. (N.) A novel design for a reinforced concrete water-works conduit. [illus.] (Engineering News. v. 56, pp. 347–348. *New York*, 1906.)

United States.— *Washington Aqueduct, Office of.* Annual report of engineer and general superintendent, 1856, 1863–5, 1871. *Washington*, 1856–71. 8°.

Warren (Charles Hyde). Petrographical notes on the rocks of the Weston aqueduct. (Technology quarterly. v. 17, pp. 117–123. *Boston*, 1904.)

Weston (The) aqueduct pipe arch over the Sudbury river, Massachusetts. (Engineering Rec. v. 49, pp. 480–481. *New York*, 1904.)

BREAKWATERS, MOLES, AND HARBOR JETTIES.

For River Jetties see RIVERS below.

Allanson-Winn (R. G.) Submerged chain cable groynes. 9 pl. (Soc. Engineers. Trans. 1906, pp. 13–44. *London*, 1907.)

Breakwaters, cont'd.

Beard's contour system of groynes. (Engineering. v. 71, pp. 249. *London*, 1901.)

Conditions affecting the force of waves and the construction of breakwaters to resist them. General report by L. Gatto. [Reports by C. Bech, G. de Joly, Anderson, L. F. Vernon-Harcourt, W. Dyce Cay, E. Coen Cagli, F. Bastiani, F. d'Urso, E. Simoncini, and O. Bernardini.] *Brussels: Pr. Off. of the Public Works*, 1905. 9 pamphlets. 8°. (10. Internat. Congress on Navigation. Sect. 2., ques. 4.)

Construzione di moli in mare aperto con grandi elementi orizzontali. 1 pl. (Gior. del Genio Civ. v. 44, pp. 641–647. *Roma*, 1906.)

Douglass (William Tregarthen). Foreshore protection and travel of beaches. (Engineering. v. 75, pp. 831–832. *London*, 1903.)

Francis (George B.) Timber crib foundations. 6 pl. (Jour. Assoc. of Engineering Soc. v. 32, pp. 65–77. *Philadelphia*. 1904.)

Gansberghe (van). Ensablement de plages au moyen d'épis de fond du système Case. (Annales d. trav. pub. de Belgique. *Bruxelles*, 1898. 8°. Sér. 2, v. 3, pp. 899–902.)

Groves (J. R.) Observations on the utility of floating breakwaters (manufactured in iron) as applied to the formation of harbours of refuge. *London: J. Bohn*, 1842. 29 p., 1 pl. 3. ed. 8°.

Haupt's reaction breakwater. (Jour. Franklin Inst. v. 154, pp. 33–45. *Philadelphia*, 1902.)

Joly (J.) On floating breakwaters. 2 pl. (Roy. Dublin Soc. Scientif. Proc. v. 10, n. s., pp. 378–383. *Dublin*, 1905.)

Poncelet (J. V.) Mémoire sur la stabilité des revêtemens et de leurs fondations, suivi d'un rapport sur la construction des couvertures en zinc. *Liége*, 1845. 8°.

Rousselet (L.) Appareils roulants et pivotants pour la construction des jetées. 1 pl. (Soc. d. anciens éléves d. écoles nat. d'arts et métiers. Bull. tech. Dec. 1905, pp. 1137–1177. *Paris*, 1905.)

Sandeman (J. Watt). The design of breakwaters. (Engineer. v. 87, pp. 585–586. *London*, 1899.)

Sea encroachment and Case groynes. (Engineering. *London*, 1899. f°. v. 67, pp. 110–112 and 114.)

Walmisley (A. T.) Groynes. [Various methods of construction.] (Pub. Wks. v. 4, pp. 346–356. *London*, 1904.)

Regional.

Algiers.

Gauckler ( ). Note sur la jetée du port de l'Agha à Alger. (Annales d. ponts et chaussées. pt. 1. sér. 8, v. 14, pp. 19–68. *Paris*, 1904.)

Belgium.

Hart (M. J. Nyssens). Zeebrugge harbour works. (Engineering. v. 73, pp. 65–66. *London*, 1902.)

Jetty construction at Bilbao and Zeebrugge. (Engineer. v. 90, pp. 434–435. *London*, 1900.)

Canada.

New (The) breakwater at Port Colborne, Ontario Welland canal entrance. (Engineering News. v. 47, pp. 382–385. *New York*, 1902.)

Denmark.

Poulsen (A.) Höfdeanlægene paa den nordre. Limfjordstange. 1 pl. (Ingeniören. Aarg. 13, pp. 165–170. *Köbenhavn*, 1904.)

Vogt (H. C.) Om Vestkysthavnesagen. 1 plan. (Ingeniören. Aarg. 14, (no. 21) pp. 133–137. *Köbenhavn*, 1905.)

France.

Cachin (J. M. F.) Mémoire sur la Digue de Cherbourg, comparée au breakwater ou jetée de Plymouth. *Paris: F. Didot*, 1820. 1 l., 85 p., 4 pl. 4°.

Great Britain.

[**Johnston** (J.)] Plan for a fixed breakwater [signed J. Johnston]. [*Brighton*, 1844?]. 17 p., 1 l., 1 pl. 8°.

Rennie (*Sir* John). An historical, practical, and theoretical account of the breakwater in Plymouth Sound. *London*, 1848. f°.

[**Thomas** (E. C. J.)] Harbours of refuge. Greenway breakwater. 10 p. [*London: C. F. Roworth, printer*, 1883.] 8°.

Townshend (Bernard O'Driscoll). Repairs at Alderney breakwater. *London: The Inst.*, 1898. 6 p., 1 l., 1 pl. 1. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 131. Sess. 1897–98. Pt. 1.

Wentworth Sheilds (Francis Webb). Seawall at Wolston, Southampton. *London: Institution of Civil Engineers*, 1902. 5 p. 8°.

United States.

Buffalo breakwater. (Engineer. v. 95, pp. 515. *London*, 1903.)

Buffalo (The) breakwater system. (Engineering Rec. v. 47, pp. 343–346. *New York*, 1903.)

Haupt (Lewis Muhlenberg). Historical résumé of the efforts made to demonstrate the practicability of the reaction breakwater at Aransas Pass, Tex., with results to February, 1899. illus. 3 maps. (Amer. phil. soc. Proc. v. 38, pp. 135–147. *Philadelphia*, 1899.

Haupt (Lewis M.) The reaction breakwater as applied to the improvement of ocean bars. (Amer. Soc. of Civil Engineers. Transac. v. 42, pp. 485–500. *New York*, 1899.)

—— The reaction breakwater as proposed for the opening of the south-west pass of the Mississippi river. 1 plan. (Jour. Franklin Inst. v. 150, pp. 1–17. *Philadelphia*, 1900.)

Howe (Wilson T.) Stone breakwater construction at Huron, Ohio. (Engineering News. v. 58, pp. 183–184. *New York*, 1907.)

Low (Emile). The breakwater at Buffalo, New York. [With discussion.] 9 pl. (Amer. Soc. Civil Engineers. Transac. v. 52, pp. 73–214. *New York*, 1904.)

—— Some methods and costs of concrete mixing on the Buffalo, N. Y., breakwater. (Engineering News. v. 50, pp. 312–314. *New York*, 1903.)

Breakwaters, cont'd.

Lyell (Gwynn A.) An example of successful jetty construction on the Pacific coast. (Engineering Maga. *New York*, 1898. 4°. v. 15, pp. 727–739.)

McKinstry (C. C.) The Delaware, Sandy Bay, and San Pedro breakwaters. 6 pl. (Amer. Soc. Civil Engineers, Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904, v. 1,) pp. 325–338. *New York*, 1905.)

Marquette (The) breakwater and Duluth ship canal piers. (Engineering Rec. v. 40, pp. 501–505. *New York*, 1899.)

Symons (T. W.) Concrete breakwater construction at Buffalo, New York. (Engineering News. v. 47, pp. 426–432. *New York*, 1902.)

White (S. M.) Breakwaters and plans for breakwater extension at Agate Bay, Two Harbors, Minn. 1 plan. (Jour. Assoc. of Engineering Soc. v. 28, pp. 171–194. *Philadelphia*, 1902.)

—— —— 3. ed. *New York*, 1871. 12°.

CRANES (HYDRAULIC).

Colson (Charles, *and* C. H.) The 160-ton hydraulic crane at Malta dockyard extension works. *London: The Inst.*, 1893. 8 p., 1 l. 8°.
Repr.: Min. of proc. of Inst. of Civ. Eng. v. 114. Sess. 1892–93. Pt. 4.

Dub (R.) Schwimmkran von 25-t Tragkraft, gebaut von der Machinenfabrik J. von Petravic & Co., Wien. (Verein deutsch. Ingen. Ztschr. v. 50, pp. 1404–1408. *Berlin*, 1906.)

Garry Iron & Steel Roofing Co. The Garry revolving pneumatic crane. *Cleveland, O.: The Company* [190–?]. 8 l. illus. f°.

Gasquet (R.) Comparison entres les grues hydrauliques et les grues électriques. illus. (Génie civil. v. 51, pp. 209–213, 229–233. *Paris*, 1907.)

Gentsch (W.) Die hydraulische Krananlage auf dem Dampfer "Barbarossa" des Norddeutschen Lloyds. (Ztschr. d. Vereines deutsch. Ing. v. 48, pp. 1729–1731. *Berlin*, 1904.)

Goliath crane at Dover harbour works. Constructed by Messrs. Ransomes and Rapier, limited, engineers, Ipswich. (Engineering. v. 68, pp. 392–393. *London*, 1899.)

Müller (L.) Schwimmkran für den Hafen der Stadt Riga. 1 pl. (Ztschr. d. Vereines deutsch. Ing. v. 49, pp. 1–4. *Berlin*, 1905.)

Murray (Alexander). The introduction of cranes in shipyards. [With discussion.] 3 pl. (Inst. of Naval Architects. Trans. v. 48, pp. 179–195. *London*, 1906.)

New (A) one-hundred-ton floating crane. (Marine Engineering. v. 10, pp. 1–5. *New York*, 1905.)

Pickersgill (W.) Schwimmkran von 60-t Tragfähigkeit, gebaut von der Duisburger Maschinenbau-A.-G. vorm. Bechem & Keetman. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 1589–1595. *Berlin*, 1905.)

Riehlé Bros. Testing Machine Co. Riehlé catalogue of Riehlé hydraulic pumps and presses (hand and power), Riehlé hydraulic accumulators, Riehlé standard hydraulic crane, Riehlé-Robie patent screw jacks... *Philadelphia: The Company*, 190–? 19 p., 1 l. illus. f°.

Rupprecht (Heinr.) Der neue Portaldrehkran für den Ostkai des Freibezirks des Stettiner Hafens. (Dinglers polytech. Jour. Jahrg. 85, v. 319, pp. 8–11. *Berlin*, 1904.)

Schwimmkran von 100-t Tragfähigkeit und 150-t Probelast, ausgeführt von der Duisburger Maschinenbau-A.-G. vorm. Bechem & Keetman für die Kaiserliche Werft in Danzig. 1 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 48, pp. 987–992. *Berlin*, 1904.)

25-Ton Hydraulic coaling crane. Constructed by Messrs. Cowans, Sheldon, and Co., limited, Carlisle. (Engineering. v. 65, pp. 531. *London*, 1898.)

CEMENT AND MORTAR, ETC.

Bleininger (Albert Victor). The manufacture of hydraulic cements. *Columbus*, 1904. xiv, 2 l., 13–391 p. 8°. (Ohio. Geological Survey. Bulletin. 4. Ser., no. 3.)

Botton (J.) Les ciments et les chaux hydrauliques. (Bull. trimes. Soc. de l'indust. minérale. sér. 4, v. 5, pp. 205–272. *Saint-Etienne*, 1906.)

Burchartz (H.) Hydraulische Kalke. (Mittheil. a. d. Königl. tech. Versuchsanstalten. Jahrg. 20, pp. 255–310. *Berlin*, 1902.)

Camerman (Émile). Résistance des matériaux hydrauliques à la mer. (Annales d. trav. publics de Belgique. sér. 2, v. 6, pp. 809–855. *Bruxelles*, 1901.)

—— Résistance des mortiers hydrauliques à la mer. (Annales d. trav. pub. de Belgique. sér. 2, v. 9, pp. 637–658. *Bruxelles*, 1904.)

Canaud (J. L.) Notes sur les mortiers hydrauliques. 1 pl. (Bull. tech. 1902, pp. 545–559. *Paris*, 1902.)

Candlot (E.) Ciments et chaux hydrauliques; fabrication, propriétés, emploi. *Paris: Baudry et Cie.*, 1898. vi, 1 l., 455 p. 2. ed. 8°.

Cary (M.) Bericht über das Verhalten hydraulischer Bindemittel im Seewasser. 3 pl. (Mittheil. aus d. Königl. technisch. Versuchsanstalten zu Berlin. 1900. Erganzungsheft 1, pp, 1–47. *Berlin*, 1900.)

—— Veränderungen an Beton im Seewasser. Mitteil. a. d. K. Materialprüfungsamt. (Jahrg. 23. pp. 66–71. *Berlin*, 1905.)

Cauchy ([A. L.]) Note sur la pierre calcaire fournissant une chaux hydraulique...(In: Académie royale...de Belgique. Nouveax mémoires. *Bruxelles*, 1827. 4°. v. 4, pp. 255–270.)

Deval ( ). Note sur la mesure des variations de volume des liants des hydrauliques. Travail exécuté sous les auspices du Comité des arts chimiques. (Bull. Soc. d'Encouragement pour l'industrie nat. sér. 5, pp. 31–54. *Paris*, 1900.)

Eno (Frank Harvey). The uses of hydraulic cement. *Columbus*, 1904. xvi, 260 p. 8°. (Ohio. Geological Survey. Bulletin. 4. Ser., no. 2.)

Howard (James E.) On some military tests of hydraulic cements. (Jour. Military Service Inst. v. 32, pp. 94–104. *Governor's Island*, 1903.)

Le Chatelier (H.) Sur la décomposition des ciments à la mer. (Cong. internat. des méthodes d'essai des matériaux de construction. 1900. Communications. v. 2, pt. 2, Matériaux autres que les metaux. pp. 51–77. *Paris*, 1901.)

Cement and Mortar, etc., cont'd.

Macharg (William S.) Hydraulic cements. (Inland Architect. Suppl. v. 34, pp. 12–15. January, 1900. *Chicago*, 1900.)

—— —— (Scientif. Amer. Suppl. v. 49, pp. 20197. *New York*, 1900.)

Marshall (W. L.), *and others*. Testing hydraulic cements. By W. L. Marshall, ( ) Smith, S. Leach and others. (Engineering Rec. v. 44, pp. 248–251; 274–277. *New York*, 1901.)

Newberry (Spencer B. *and* W. B.) The constitution of hydraulic cements. Read before the New York section of the Society of chemical industry, October 22, 1897. *Chicago: The Cement & Engineering News* [1897]. 16 p. 12°.

—— Sur la constitution des ciments hydrauliques. Par MM. Spencer et Newberry [*sic*]. (Moniteur Scientif. Quesneville; jour. des sci. pures et appliquées. *Paris*, 1898. 4°. (v. 51), Sér. 4, v. 12. pp. 423–432.)

Rebuffat (C.) Sur la constitution des ciments hydrauliques. (Moniteur scientif. Quesneville. (v. 53,) Sér. 4, v. 13. pp. 278–280. *Paris*, 1899.)

Sandeman (J. Watt). The action of sea-water upon concrete. (Engineering. v. 81, pp. 1–2. *London*, 1906.)

—— —— (Scientif. Amer. Suppl. v. 61, pp. 25486–25487. *New York*, 1906.)

Schoulatchenko (A. R.) De l'action de l'eau de mer sur les mortiers hydrauliques. (Cong. internat. des méthodes d'essai des matériaux de construction. 1900. Communications. v. 2, pt. 2, Matériaux autres que les métaux. pp. 79–90. *Paris*, 1901.)

Spalding (F. P.) Hydraulic cement. Its properties, testing and use. *New York: J. Wiley & Sons*, 1897. 1. ed. viii, 265 p. 12°.

United States.—*Engineer Department.* Report of board of engineer officers on testing hydraulic cements, with specifications for the several classes used by the engineer department. *Washington: Govt. Prtg. Office*, 1901. 38 p. cl. 8°. (Professional Papers, no. 28.)

Verdinois (Cesare). Sull' uso delle pozzolane nei lavori marittimi. (Giorn. d. genio civile. Anno 45, pp. 247–259. *Roma*, 1907.)

Wright (William H.) A brief practical treatise on mortars: with an account of the processes employed at the public works in Boston harbor. *Boston: W. D. Ticknor & Co.*, 1845. vii, 148 p., 7 pl. 12°.

Zulkowski (Karl). Zur Erhärtungstheorie der hydraulischen Bindemittel. (Chem. Industrie. Jahrg. 24, pp. 290–296; 317–321; 345–348; 369–374; 420–423; 445–449. *Berlin*, 1901.)

—— —— *Berlin: R. Gaertner*, 1901. 95 p. 12°.

—— Contribution à la théorie de la solidification des mortiers hydrauliques. (Moniteur scientif. sér. 4, v. 17. pt. 2, pp. 663–684. *Paris*, 1903.)

Zwick (H.) Hydraulischer Kalk und Portland-Cement. *Wien: Hartleben*, 1879. 12°. (Hartleben's chem.-techn. Bibliothek. Bd. 58.)

CENTRIFUGAL PUMPS.

See PUMPS.

CONDUITS.

See PIPES AND CONDUITS.

CULVERTS.

Campbell (A. W.) Concrete culverts. (Wis. Engineer. v. 7, pp. 205–212. *Madison*, 1903.)

Chamier (George). Capacities required for culverts and flood-openings. *London: The Inst.*, 1898. 14 p. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 134, sess. 1897–98. Pt. 4.

Douglas (W. J.) The design and construction of a 50 ft. brick arch culvert across Rock Creek, Washington, D. C. (Engineering News. v. 48, pp. 534–538. *New York*, 1902.)

Graff (C. F.) Notes on the design and construction of reinforced concrete culverts. [illus.] (Engineering News. v. 55, pp. 6–9. *New York*, 1906.)

Ireland (Washington Parker). Discharging capacity of culverts. (Engineering Rec. v. 49, pp. 420–421. *New York*, 1904.)

Reichmann (Albert). Rail top culverts. 5 plans. (Jour. of the Western Soc. of Engineers. v. 6, pp. 66–71. *Chicago*, 1901.)

CANALS.

See also LOCKS (CANAL AND RIVER).

Material noted here includes only general works on engineering and construction of canals.

Almazan (Pasenal). Tratado sobre caminos comunes, ferrocarriles y canales; construccion de puentes ordinarios, oblicuos, de madera, de piérro y suspendidos; ... Obra redactada por orden del Ministerio de Fomento. Tom. 1. *Mexico: Imprenta Literaria*, 1865. 2 p.l., iii, 320 p. 8°.

—— Tablas para el computo de los profiles trasversales y projectos de cominos comunes ferrocarriles, diques y canales. *Mexico*, 1860. 12°.

Apjohn (J. H.) On the area of sluice opening necessary for the supply-sluice of a tidal canal. *London: Inst. Civ. Eng.*, 1884. 17 p., 1 diag. 8°.

Bellet (Daniel). Les canaux, un instrument de transport du passé. (Annales d. sci. polit. v. 22, pp. 471–502. *Paris*, 1907.)

Berthot (P.) Traité des routes, rivières & canaux. Tome 3. *Paris: Fanchon & Artus*, [1898?] 4°. (Encyl. Théor. & prat. des connais. civ. & mil. Pt. civ. Cours de construct. Pt. 9, v. 3.)

Bligh (W. C.) The Practical design of canal falls. (Pub. Wks. v. 7, pp. 8–20. *London*, 1906.)

Bonaventura (Eutichio). Calcolo grafico della nuova formola del Bazin. 1 pl. (Giornale del genio civile. anno 39, pp. 644–649. *Roma*, 1901.)

Bonini (C. F.) Per la navigazione interna i mezzi per vincere le differenze di livello nei canali navigabili. (Rivista technica. anno 2, pp. 639–647; anno 3, pp. 69–84; 681–644. *Torino*, 1902–'03.)

Canals ancient and modern. (Engineer. v. 101, pp. 43–44; 83–84. *London*, 1906.)

Chapman (W.) Observations on the various systems of canal navigation, with inferences practical and mathematical; in which Mr. Fulton's plan of wheel-boats, and the utility of subterra-

Canals, cont'd.

neous and of small canals are particularly investigated, including an account of the canals and inclined planes of China. *London: I. & J. Taylor*, 1797. 4 ll., 104 p., 3 pl., 1 map. 4°.

Dariès (G.) Calcul des canaux & aqueducs. *Paris: Gauthier-Villars* [1898?]. 180 p. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'ingénieur.)

Derome ( ). Construction de canaux de navigation permettant une exploitation à grande vitesse, *n.t.-p. La Hay: Belinfante frères*, 1894. 1 p.l., 19 p. 4°. (International Inland Navigation Congress, 6th. Question 1.)

Deutsch (J.) Leistungsfähigkeit und Betriebskosten der Canäle mit geneigten Ebenen oder mit Kammerschleusen. (Zeitschr. des oesterr. Ingenieur- und Architekten-Vereines. *Wien*, 1898. f°. Jahrg. 50, pp. 581–595.)

Dodd (R.) A short historical account of the greater part of the principal canals in the known world; with some reflections upon the general utility of canals. *Newcastle-upon-Tyne: W. Charnley & J. Bell*, 1795. iv, 27 p. 12°.

Ducros (J. A.) Mémoires sur les quantités d'eau qu'exigent les canaux de navigation; suivis du Rapport par R. Prony. *Paris, an* IX [1802]. pl. 12°.

Dupuis de Torcy [(Pierre Louis)], *and* B. BRISSON. Essai sur l'art de projeter les canaux de navigation...(In: BRISSON, Barnabé. Essai sur le système générale de navigation intérieure de la France ... *Paris*, 1829. 4°. pp. 135–158.)

Dutens (J. M.) Histoire de la navigation intérieure de la France, avec une exposition des canaux à entreprendre pour en compléter le système ... *Paris: St. Sautelet et Cie.*, 1829. Map. 4°.

Ueber die **Einrichtung** eines regelmässen Betriebes auf künstlichen Wasserstrassen. 36 p. (Deutsch-Oester.-Ungar. Verband f. Binnenschiffahrt. Verbands-Scnriften. *Berlin*, 1897. 8°. no. 15.)

Fanning (J. T.) Early transportation canals. (Jour. Assoc. of Engineering Soc. v. 26, pp. 315–325. *Philadelphia*, 1901.)

Fer de la Nouerre (de). La Science des Canaux navigables. *Paris*, 1786. 8°.

Fulton (Robert). A treatise on the improvement of canal navigation; exhibiting the numerous advantages to be derived from small canals. And boats of two to five feet wide, containing from two to five tons burthen. With a description of the Machinery for facilitating conveyance by Water through the most Mountainous Countries, independent of Locks and Aqueducts: including Observations on the great Importance of Water Communications, with thoughts on, and designs for, aqueducts and bridges of iron and wood. *London: I. & J. Taylor*, 1796. xvi, 144 p., 18 pl. 4°.

—— —— Another copy.

This copy bound in contemporary calf, gilt tooling, is the one presented by Fulton to Napoleon on 1 May, 1798, at the suggestion of one of the Perier brothers. On the front and back fly-leaves is written Fulton's dedicatory letter "Au général Buonaparte," his "Observations sur les avantages dont jouiroit la France en adoptant le systéme des petits canaux," and his "Sur la Liberté du Commerce." The letter and the two memoirs were printed from this manuscript in the "Bulletin of the New York Public Library," August, 1901, volume 5, pages 348–365.

—— Recherches sur les moyens de perfectionner les canaux de navigation et sur les nombreux avantages de petits canaux, Dont les bateaux auraient depuis deux jusqu'à cinq pieds de large, et pourraient contenir une cargaison de deux à cinq tonneaux. On y a joint des observations sur l'importance des communications navigable, une description détaillée de machines à la faveur desquelles on établirait ces communications à travers les pays les plus montueux, sans le secours des sas d'écluses et des ponts aqueducs. Avec des dessins de constructions nouvelles d'aqueducs, et de ponts en bois et en fer. Ouvrage composé par Robert Fulton, Ingénieur américain, et traduit de l'anglais. *Paris: Dugain-Triel*, an VII [1799]. xvj, 224 p., 6 pl., 1 map. 12°.

Gauthey (Émiland Marie). Œuvres. Tome 1–3. *Paris: F. Didot*, 1809–1816. 3 v. 4°.

T. 1–2. Traité de la construction des ponts ... pub. par M. Navier. 2 v. 1809–13.

T. 3. Mémoires sur les canaux de navigation. pub. par M. Navier. 1816.

Guillemain (G. H. P.) Navigation intérieure, rivières et canaux. *Paris: Baudry & Cie.*, 1885. 2 v. viii, 564; vii, (1) 592 p. ill. 8°. (Encycl. des. Trav. Publ.)

Harcourt (L. F. Vernon). *See* **Vernon-Harcourt** (L. F.)

Heinze, —— (architect, of Berlin). Kanäle und Sammelbecken. (HOLTZENDORFF, F. v., and ONCKEN, W. Deutsche Zeit- u. Streit-Frag., Jahrg. 6. Heft 94.) *Berlin*, 1877. 8°.

Huerne de Pommense. Des Canaux navigables considérés d'une manière générale. *Paris*, 1822, 4°.

Imhoff (K.) Taschenbuch für Kanalisations-Ingenieure. (Zeichnungen von O. Bernards.) *München: R. Oldenbourg*, 1907. 20 p., 8 tab. 16°.

Jeans (James Scott). Waterways and water transport in different countries... *London*, 1890. 8°.

Keith (Hannah Emily). An historical sketch of internal improvements in Michigan, 1886–1846. Map. (Michigan polit. sci. assoc. Pub. v. 4, p. 1–48. [*Ann Arbor*,] 1900.)

Lombardin (Elia). Nuovo sistema di chiuse con porte ad aprimento spontaneo. *Milano*, 1839. il. 8°.

Mayer (Joseph). The economic depth for canals of large traffic. (Amer. Soc. of Civil Engineers. Transac. v. 39, pp. 273–284. *New York*, 1898.)

Oelwein (A.). Wasserverbrauch beim Betriebe künstlicher Wasserstrassen. (Ztschr. d. oesterr. Ingen. u. Architekten Vereines. Jahrg. 53, pp. 104–112. *Wien*, 1901.)

Phillips (J.) A general history of inland navigation, foreign and domestic: containing ... account of the canals...in England, with considerations of those projected... *London: I. & J. Taylor*, 1792. xx, 369 pp., 2 l., 4 pl. 4°.

Pontzen (Ernest). Canaux; construction et exploitation. (Mém. et compte rendu des travaux

Canals, cont'd.

de la Soc. d. ingénieurs civils de France. *Paris*, 1898. 8°. Année 51, Ser. 5. Cinquantenaire 1848–1898. pt. 1, pp. 250–259.)

Steuerwald (E.), *and* Ch. M. Schols. Beschoeiingen en bekleedingsmuren. *'s Gravenhage: Gebr. van Cleef*, 1885. viii, 249 p.; Atlas of 7 pl. 8°, f°. (Waterbouwkunde. Deel 1[1])

Suppán (C. V.) Wasserstrassen und Binnenschiffahrt. *Berlin-Grunewald: A. Troschel*, 1902. xvi, 569 pp. 4°.

Vernon-Harcourt (L. F.) A treatise on rivers and canals, relating to the control and improvement of rivers and the design, construction, and development of canals. *Oxford: Clarendon Press*, 1882. Text and plates. 2 v. 8°.

Dams, Weirs, and Reservoirs.

Am Ende (Max). Notes on stresses in masonry dams. (Engineering. v. 80, pp. 751–753. *London*, 1905.)

Andrews (D. M.) The computation of height of backwater above dams. (Engineering News. v. 56, pp. 454–455. *New York*, 1906.)

Arana ( ) Des batardeaux et de leurs épuisements. (Rev. tech. v. 23, pp. 340–344. *Paris*, 1902.)

Atcherley (L. W.), *and* K. Pearson. On some disregarded points in the stability of masonry dams. *London: Dulan & Co.*, 1904. 27 p., 1 diag., 1 pl. 4°. (University of London. University College: Dept. of Applied Mathematics. Drapers' Company Research Memoirs. Technical ser. v. 2.)

Baillairgé (C.) Dam construction and failures during the last thirty years. (Transac. Canadian Soc. of Civil Engineers. v. 17, pp. 270–282. *Montreal*, 1903.)

Ball (Robert S.) Masonry dams. (Cassier's Maga. v. 17, pp. 65–73. *New York*, 1899.)

Barbet ( ). Note sur le calcul des barrages de réservoirs en maçonnerie. (Annales des ponts et chaussées. *Paris*, 1898. 8°. Ser. 7, Année 8, 2 trimestre, pp. 265–299.)

—— Note sur les conditions de résistance des barrages, de réservoirs en maçonnerie. (Annales d. ponts et chaussées. Ser. 7, v. 9, Trimestre 1, pp. 22–56. *Paris*, 1899.)

Barkhausen (G.) Neuere Formen für Flüssigkeitsbehälter. (Ztschr. d. Vereines deutsch. Ingen. v. 44, pp. 1594–1595; 1681–1685. *Berlin*, 1900.)

Bleich (S. D.) Internal stresses in masonry dams. (School of Mines Quar. v. 27, pp. 33–39. *New York*, 1905.)

Bligh (W. G.) On the section of weirs. (Engineer. v. 102, pp. 166–167; 237–238; 260–262; 302–303; 312–314; 339–340. *London*, 1906.)

Bovey (Henry Taylor). On the backwater produced by weirs of different widths. 1 illus. 7 diag. paged in. (Roy. soc. of Canada. Proc. and trans. ser. 2, v. 10, Trans. sec. 3, pp. 127–145. *Ottawa*, 1905.)

Cadart (Gustave). Barrages à parements rectilignes. (Annales d. ponts & chaussées, pt. 1. sér. 8, v. 7, pp. 31–69. *Paris*, 1902.)

Canaud (J. L.) Construction des barrages en maçonnerie. 2 pl. (Soc. anciens éleves écoles nat. d'arts et métiers. Bull. technol. 1907 (May), pp. 339–378. *Paris*, 1907.)

Carstanjen (M.) Über Walzenwehre. (Ztschr. d. österr. Ingen. u. Architekten-Vereines. Jahrg. 55, pp. 659–666. *Wien*, 1903.)

Claise ( ). Expériences sur la résistance de fermette de barrages établies pour soutenir des aiguilles et mode de consolidation adopté pour permettre l'application des vannes. (Annales d. ponts & chaussées. Partie 1. Sér. 7, v. 8, Trimes. 4, pp. 145–162. *Paris*, 1898.)

—— Portes d'écluses en fer et en bois. (Annales d. ponts et chaussées. pt. 1. Parte tech. ser. 8. 1901 trimestre 1, pp. 287–295. *Paris*, 1901.)

Coffin (Freeman C.) Covered reservoirs and their design. 3 plans. (Jour. Assoc. of Engineering Soc. v. 23, pp. 1–31. *Philadelphia*, 1899.)

Construction (The) of high earth dams. (Engineering Rec. v. 39, pp. 448–450. *New York*, 1899.)

Courtney (C. F.) Masonry dams from inception to completion...for the use of civil and mining engineers. *London: Crosby, Lockwood & Son*, 1877. x, 140 p., 1 diagr. in pocket. 8°.

Covered reservoirs. (Engineering Rec. v. 40, pp. 723–725. *New York*, 1899.)

Croes (J. James R.) Memoir of the construction of a masonry dam for a storage reservoir. *New York*, 1875. vi, 31 p. 5 pl. 8°. (American Society of Civil Engineers.)

Croes (J. James R.), *and others*. The construction of earth dams. By J. J. R. Croes, E. F. Smith, and E. Sweet. (Engineering Rec. v. 44, pp. 520–525. *New York*, 1901.)

Crugnola (Gaetano). Alcune modalita di costruzione delle dighe in terra e delle traverse murarie di sbarramento. (R. Ist. Lombardo di sci. e lettere. Rendiconti. ser. 2, v. 38, pp. 929–944. *Milano*, 1905.)

Darley (Cecil West). Curved concrete walls for storage reservoirs. Illus. (Roy. Soc. of New South Wales. Jour. and Proc. v. 34, pp. xlix–lxii. *Sydney*, 1900.)

Dillman (George L.) A proposed new type of masonry dam. [With discussion.] (Amer. Soc. Civil Engineers. Transac. v. 49, pp. 94–111. *New York*, 1902.)

Dumas (A.) Barrages-réservoirs en remblai rocheux avec âme métallique. (Génie civil. v. 35, pp. 401–405. *Paris*, 1899.)

—— Construction des barrages-réservoirs. (Cong. de la houille blanche. Sept. 1902, Compte rendu. v. 1, pp. 225–267. *Grenoble*, 1902.)

—— Construction des digues en terre par la méthode anglaise. (Génie civil. v. 36, pp. 71–74. *Paris*, 1899.)

Fielding (John S.) Proposed design for a steel and concrete dam. (Engineering News. v. 42, pp. 315–316. *New York*, 1899.)

Fuller (Frank L.) Covered reservoirs. (Jour. Assoc. of Engineering Soc. v. 23, pp. 119–131. *Philadelphia*, 1899.)

Dams, etc., cont'd.

Galliot ( ). Le corroyage des digues en terre. (Annales des ponts et chaussées. Année 72 (ser. 8, année 2), trim. 1, pp. 196–209. *Paris*, 1902.)

Girard (L. D.) Nouveau barrage dit barrage hydropneumatique. *Paris: Bachelier*, 1850. 4 p. 4°.

Graeff ( ), *and* ( ) DELOCRE. Papers on dams of masonry for large reservoirs... Translated from the French... *Bombay: Education Society's Press*, 1869. 78 p. 2 pl. 8°. (Selections from the records of the Bombay Government, Irrigation series. [v. 1,] no. 9.)

Grohmann (Emil). Das Schwimmklappenwehr, ein neues bewegliches Stauwerk. 1 pl. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 96–106. *Wien*, 1902.)

Hawley (W. C.) Some notes on cost of waterproofing the concrete lining of reservoirs. [Discussion.] (Jour. New Eng. Water Wks. v. 18, pp. 176–184. *Boston*, 1904.)

Hermanek (Johann). Der Abfluss an einem Grundwehre kurvenförmigen Profils. (Ztschr. d. österr. Ingen.- u. Architekten-Vereines. Jahrg. 57, pp. 339–342. *Wien*, 1905.)

Hilgard (K. E.) Rolling dams. 5 pl. (Amer. Soc. Civil Engineers. Internat. Engineering. Congr., 1905, Transac. v. 54, pt. 10. pp. 439–447. *New York*, 1905.)

Horton (Robert E.) Weir experiments, coefficients and formulas. *Washington: Govt. Prtg. Off.*, 1906. 189 p., 1 l., 6 diag., 1 plan, 1 pl. 8°. (U. S. Geol. Survey. Water-supply & Irrigation Papers. No. 150.)

—— —— *Washington*, 1907. 195, ii p., 34 diagr., 1 plan, 1 pl. 8°. (Water supply and irrigation papers, no. 200.)

Revision of no. 150.

Ingham (William). The design, construction, and cost of open and covered service reservoirs. 5 pl. Discussion. (Trans. Brit. Assoc. of Waterworks Engrs. v. 6, pp. 69–89. *London*, 1902.)

Intze ( ). Über Thalsperren für städtische Wasserversorgung. (Schillings Jour. f. Gasbeleucht. Jahrg. 45, pp. 893–897; 913–919. *München*, 1902.)

Jacob (A.) The designing and construction of storage reservoirs. *New York: D. Van Nostrand*, 1872. 95 p. 24°. (Van Nostrand's science series. no. 6.)

Johnston (Clarence T.) Instructions for installing weirs, measuring flumes and water registers. (Engineering News. v. 46, pp. 131–134. *New York*, 1901.)

Kenyon (George Cecil). Temporary dams. [With discussion.] (Liverpool Engineering Soc. Transac. sess. 29. v. 24, pp. 113–141. *Liverpool*, 1903.)

Koechlin (Maurice). Calcul des réservoirs en tole. (Génie civil. v. 36, pp. 275–278. *Paris*, 1900.)

Leffel (James), *and Co.* The construction of milldams; comprising, also, the building of race and reservoir embankments, etc. *Springfield, O.*, 1884. il. pl. 8°.

Lencauchez (A.) De la résistance des barrages d'une grande longueur et grande hauteur, soumis à des pressions statiques considérables. (Mém. et compte rendu des travaux de la Soc. des ingénieurs civils de France. *Paris*, 1897. 8°. sér. 5., année 50, pp. 666–670.)

McMaster (John B.) High masonry dams. *New York*, 1876. il. 24°. (Van Nostrand's Sci. ser., no. 22.)

Mitchell (George). Notes on reservoir construction. (Proc. Incorporated Assoc. Municipal and County Engineers. v. 30, pp. 475–480. *London*, 1904.)

Parmley (W. C.) Flow of water over sharp crested weirs. (Wisconsin Engineer. v. 4, pp. 172–185. *Madison*, 1900.)

Pollak (Ign.) Schotterdämme und ihre Vertheidigung. (Ztschr. f. Gewässerkunde. v. 6, pp. 136–144. *Leipzig*, 1904.)

Proposed (A) new type of masonry dam. Discussion by H. de B. Parsons, E. Wegmann & W. B. Fuller. (Amer. Soc. of Civil Engineers. Proc. v. 28, pp. 620–625. *New York*, 1902.)

Rafter (Geo[rge] W.) High masonry dams in Europe. Report. *Albany: Wynkoop, Hallenbeck, Crawford Co.*, 1897. 19 p., 6 plan, 36 pl. 8°. (N. Y. S. Engineer & Surveyor.)

Extr.: N. Y. S. & Sur. ann. rpt. 1896.

Recent reservoir linings. (Engineering Rec. v. 40, pp. 77–81. *New York*, 1890.)

Rother ( ). Ueber die Bestimmung des Fassungsraumes von Behältern für städtische Wasserversorgungsanlagen. (Schillings Jour. f. Gasbeleuchtung u. Wasserversorgung. Jahrg. 43, pp. 932–936. *München*, 1900.)

Sarrasin (P.) Plates-formes automobiles avec treuils électriques et rouleau compresseur-corroyeur à traction électrique pour la construction d'un barrage-réservoir en terre. Système P. Sarrasin. 3 pl. (Bull. technol. 1901, pp. 1247–1267. *Paris*, 1901.)

Satkewitsch (A.) Berechnung von Wasserleitungen mit zwei Reservoiren: einem speisenden Hauptreservoir und einem ausgleichenden Gegenreservoir. (Schillings Jour. f. Gasbeleuchtung. Jahrg. 48, pp. 265–272; 289–292. *München*, 1905.)

Schuyler (J. Dix). Reservoirs for irrigation. illus. 41 pl., 14 maps, 1 diagr. (U. S. geol. survey. 18th ann. rep. pt. 4, pp. 617–740. *Washington*, 1898.)

—— Reservoirs for irrigation, water-power, and domestic water-supply. With an account of various types of dams and the methods and plans of their construction. Together with a discussion of the available water-supply for irrigation in various sections of arid America. *New York: John Wiley & Sons*, 1901. xviii, 414 p., 35 maps, 7 pl. 4°.

—— Recent practice in hydraulic-fill dam construction. 28 pl. (Amer. Soc. Civil Engineers. Proc.—Papers & Discuss. v. 32, pp. 780–837; 931–937. *New York*, 1906.)

—— The use of asphaltum for reservoir linings ... [*New York?* 1892.] 629–634 p., 3 pl. 8°.

Repr.: Amer. Soc. of Civil Engineers. Transactions, v. 27. Dec. 1892.

Dams, etc., cont'd.

Specifications for a large concrete dam. (Engineering Rec. *New York*, 1898. v. 38, p. 472. f°.)

Thomas (B. F.) Movable dams. 3 pl. (Amer. Soc. of Civil Engineers. Transac. v. 39, pp. 431–572. *New York*, 1898.)

Torrey (Augustus). A storage reservoir for a railroad water station. (Jour. Western Soc. of engineers. *Chicago*, 1898. v. 3, pp. 1130–1132. 8°.)

Tricon ( ). Batardeaux en béton armé pour écluses de navigation et autres ouvrages. (Rev. tech. Année 26, pp. 226–228. *Paris*, 1905.)

Unwin (W. C.) Note on the theory of unsymmetrical masonry dams. (Engineering. v. 79, pp. 513–514. *London*, 1905.)

Wegmann (Edward). The design and construction of dams, including masonry, earth, rockfill and timber structures, also the principal types of movable dams. *New York: J. Wiley & Sons*, 1905. xii, 258 p., 99 pl. 4. ed. f°.

Wilson (J. S.), *and* W. Gore. Stresses in dams. (Engineering. v. 80, pp. 134–135. *London*, 1905.)

Wisner (George Y.) Correct design and stability of high masonry dams. (Dept. of the Inter. U. S. Geol. Survey. Proc. 1st Conference of Engineers of the Reclamation Service. 1904, pp. 240–246. *Washington*, 1904.)

Ziegler (P.) Der Thalsperrenbau nebst einer Beschreibung ausgeführter Thalsperren. *Berlin: A. Seydel*, 1900. xv, 158, 148 p. 8°.

Regional.

Australia.

Barrage de la Belubula. (Australie.) (Le genie civil. v. 36, pp. 204. *Paris*, 1900.)

Burraga dam [in New South Wales]. (Engineering Rec. v. 53, pp. 347–349. *New York*, 1906.)

Cardew (John Haydon). Burraga dam and water-supply for the Lloyd Copper Company's mine, New South Wales. (Inst. Civil Engineers. Minutes of Proc. Papers. v. 152, pp. 237–250. *London*, 1903.)

Moncrieff (Alex. B.) The Barossa arched concrete dam in South Australia. (Engineering News. v. 51, pp. 321–324. *New York*, 1904.)

—— Memorandum in re arched concrete dam at Barossa, South Australia. 7 pl. (Transac. Assoc. of Civil Engineers of Cornell Univers. 1905, v. 13, pp. 76–86. *Ithaca*, 1905.)

Wade (L. A. B.) The cataract dam, Sydney, New South Wales. Discharge of a large volume of flood water over the dam during construction. (Engineering News. v. 56, pp. 579–580. *New York*, 1906.)

—— The cataract dam, Sydney, N. S. W. illus. (Engineering. v. 83, pp. 156–157. *London*, 1907.)

Austria.

Wang (F.) Die Wildbachverbauung in Oesterreich. (Ztschr. f. Gewässerkunde. v. 3, pp. 261–292. *Leipzig*, 1900.)

Belgium.

Ghent.—*Collége des Bourgmestre et Échevins.* Rapport concernant l'établissement d'un barrage éclusé sur les Bas-Escaut en aval de la ville de Gand. *Gand: C. Anwoot-Bracckman*, 1863. 69 p., 1 l., 2 maps, 9 plans. 8°.

Herman (G.) L'exhaussement du barrage de la fonderie de canons, à Liége. 1 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 4, pp. 817–833. *Bruxelles*, 1899.)

Reservoir de 3,000 mètres cubes de capacité en ciment armé de metal déployé. (Rev. tech. v. 21, pp. 385–389. *Paris*, 1900.)

Canada.

Mozley (E. N.) The Canadian backwoodsman. With some notes on dam and bridge construction. (Roy. Engineers' Jour. v. 4, pp. 137–147. *Chatham*, 1906.)

Egypt.

Assuan (The) dam and the Assiout Weir. (Engineer. v. 94, pp. 558–560; 563, 580–581; 617–618. *London*, 1902.)

Assouan (The) dam on the Nile. 1 pl. (Engineering. v. 69, pp. 318–319 and 324. *London*, 1900.)

Baker (*Sir* Benjamin). The Nile dams and reservoir. 6 pl. (Proc. Roy. Inst. of Gt. Brit. v. 17, pp. 185–194. *London*, 1903.)

—— (Pop. Sci. Monthly. v. 62, pp. 550–561. *New York*, 1903.)

Bowes (Isaac). Barrage of the Nile. (Jour. Manchester Geog. Soc. v. 15, pp. 194–200. *Manchester*, 1900.)

Brown (*Sir* Robert Hanbury). The control of the Nile. 1 pl. (Pub. Wks. v. 5, pp. 1–21. *London*, 1905.)

—— The delta Barrage of Lower Egypt. With an introduction by Sir W. Garstin. *Cairo: National Print. Dept.*, 1902. xix, 80 p., 10 diag., 2 maps, 15 pl. 4°.

—— History of the barrage at the head of the delta of Egypt. With an introductory note by W. E. Garstin. *Cairo: F. Diemer*, 1896. 1 p.l., xvi, 66 p., 1 l., 4 pl. 4°.

—— Nile irrigation. (Engineer. v. 98, pp. 243–244; 267–268; 289–290; 313–314; 337. *London*, 1904.)

—— The use of cement grout at the delta barrage in Egypt. 1 pl. (Inst. of Civil Engineers. Min. of Proc. v. 158, pp. 1–25. *London*, 1904.)

Brunhes (Jean). Les grands travaux en cours d'exécution dans la vallée du Nil; réservoir d'Assouan et barrage d'Assiout. 2 pl. (Annales de géog. Année 8, pp. 242–251. *Paris*, 1899.)

Clarke (Somers). Philæ: The Nubian valley and the modified Nile reservoir. (Archæol. Jour. v. 52 (Ser. 2, v. 2), pp. 240–249. *London*, 1895.)

Construction (The) of the Asyut dam: Nile Irrigation Works. (Scientif. Amer. v. 88, pp. 147; 152. *New York*, 1903.)

Du Bosçq de Beaumont (Gaston de). L'irrigation de l'Égypte et les nouveaux barrages d' Assouan et d'Assiout. (Le tour du monde. n. s. v. 9, pp. 301–312. *Paris*, 1903.)

Engineering (The) control of the Nile. (Builder. v. 77, pp. 363–365; 385–387. *London*, 1899.)

Dams, etc., cont'd.

Fitzmaurice (Maurice). The Nile reservoir, Assuan. 2 pl. (Inst. Civil Engineers. Minutes of Proc. Papers. v. 152, pp. 71–107. *London*, 1903.)

Great (The) Nile dam. Stupendous work of the Egyptian government. (Irrigation Age. v. 14, pp. 156–158. *Chicago*, 1900.)

Hurley (Frederick Arthur). The Zifta barrage and subsidiary works. 1 pl. (Inst. Civil Engineers. Minutes of Proc. v. 156, pp. 323–336. *London*, 1904.)

Irrigation works on the Nile. The Assouan reservoir and dam. 1 pl. (Engineer. v. 89, pp. 480–481; 535–536. *London*, 1900.)

Johnston (Clarence T.) The Assuan dam and reservoir on the river Nile. (Engineering News. v. 48, pp. 106–107. *New York*, 1902.)

Liversedge (A. J.) The Nile dam at Assouan; some details of the sluices, (Cassier's Maga. v. 21, pp. 140–146. *New York*, 1901.)

Long (John G.) Improvements on the Nile. (Consular Repts. v. 66, pp. 321–330. *Washington*, 1901.)

Means (Thomas Herbert). The Nile reservoir dam at Assuan. 3 plates. (Smithsonian Inst. Annual rpt. for 1902. pp. 531–535. *Washington*, 1903.)

Reprinted from Forestry and irrigation, v. 8, Dec., 1902.

Moeser (Hermann). Die Nilregulierung und der wirtschaftliche Aufschwung Ägyptens. (Globus. v. 79, pp. 336–338. *Braunschweig*, 1901.)

Nile (The) dams. 4 pl. (Builder. v. 83, pp. 241–245. *London*, 1902.)

Penfield (Frederic Courtland). Harnessing the Nile. (Century Maga. *New York*, 1899. 8°. v. 57, pp. 483–492.)

—— The new Nile reservoir. (North Amer. Rev. v. 176, pp. 365–375. *New York*, 1903.)

Prompt. Puissance de réservoir des cataractes. (Bull. de l'institut égyptien. *Cairo*, 1897. 8°. pp. 129–148.)

Reservoirs in the valley of the Nile. (With a map.) Prepared for the committee of the Society for the Preservation of the Monuments of Ancient Egypt. *London*, 1894. 16 p., 1 map. 8°.

Richou (G.) Les barrages d'Assyout et d'Assouan et le système général des irrigations de l'Égypte. 1 pl. (Genie civil. v. 43, pp. 369–372; 385–393. *Paris*, 1903.)

Roberts (Chalmers). Subduing the Nile. (World's Work. v. 5, pp. 2861–2870. *New York*, 1902.)

Schulze (F. W. Otto). Die Stauwerke des Nilthales. 1 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 50, pp. 362–378. *Berlin*, 1900.)

Scott-Moncrieff (*Sir* Colin Campbell), *and others*. Nile reservoirs. Reports by Sir Colin Scott-Moncrieff, J. C. Ross, and W. Willcocks. *Cairo: National Printing Office*, 1891. 71 p. 4°. (Egypt. Public Works Dept.)

—— —— Appendices. *Cairo*, 1892. 64 p., 4 pl. 4°.

Stephens (George Henry). The barrage across the Nile at Asyût. [Discussion and correspondence.] 2 pl. (Inst. of Civil Engineers. Min. of Proc. v. 158, pp. 26–105. *London*, 1904.)

Stokes (Frederick Wilfrid Scott). Sluices and lock-gates of the Nile reservoir, Assuan. [With discussion and correspondence.] 2 pl. (Inst. Civil Engineers. Minutes of Proc. Papers. v. 152, pp. 108–155. *London*, 1903.)

Talbot (Frederick A.) The rejuvenation of Egypt. (Cosmopolitan. v. 31, pp. 339–347. *Irvington*, 1901.)

Verschoyle (K.) The Nile irrigation of to-day. illus. (Graphic. v. 74, pp. 469–470. *London*, 1906.)

Ward (John). The Nile reservoirs. (Cassier's Maga. v, 20, pp. 267–282. *New York*, 1901.)

Willcocks (*Sir* William). Egyptian weirs or regulators. (Public Works v. 3, pp. 193–202; 289–299. v. 4, pp. 1–10; 104–114. *London*, 1904.)

France.

Alby ( ). Note sur la construction d'une nouvelle ecluse à Port-a-l'Anglais sur la Haute-Seine. (Annales d. ponts & chaussées. pt. 1. sér. 8, v. 7, pp. 5–30. *Paris*, 1902.)

Bret ( ). Note sur l'acqueduc de l'Avre et le réservoir parisien de Saint-Cloud. (Annales d. ponts et chaussées. pt. 1, pt. technique, 1902, trimest. 2, pp. 131–181. *Paris*, 1902.)

Furens (The) dam. (Engineering Rec. v. 47, pp. 250. *New York*, 1903.)

Mazoyer ( ). Les barrages de la Loire. 1 pl. (Annales d. trav. pub. de Belgique. ser. 2, v. 10, pp. 691–707. *Bruxelles*, 1905.)

Germany.

Boch (Théod.), *and* Théod. Schlumberger. Rapport sur le projet d'établissement d'un barrage à la Lerchenmatt, prés Sewen. (Bull. Soc. indust. de Mulhouse. v. 75, pp. 205–221. *Mulhouse*, 1906.)

Dumas (A.) Le barrage avec évacuateurs de crues souterrains de Marklissa, sur le Queis (Allemagne). illus. (Génie civil. v. 51, pp. 105–111. *Paris*, 1907.)

Fecht (H.) Ueber den Bau des Stauweihers Lauchensee in den Vogesen. 3 pl. in Atlas. (Ztschr. f. Bauwesen. Jahrg. 52 (1902), col. 221–232. *Berlin*, 1902.)

Grohmann (Emil). Die Wasserwirtschaft und der Talsperrenbau in Deutschland. 2 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 13, pp. 109–114. *Wien*, 1907.)

Guarini (Emile). Rolling dams at Schweinfurt, Bavaria. (Engineering News. v. 53, pp. 57–58. *New York*, 1905.)

Koechlin (René). Barrages mobiles cylindriques à grande portée. Barrages de Schweinfurt (Allemagne). 1 pl. (Génie civil. v. 44, pp. 261–266. *Paris*, 1904.)

Thometzek (F.) Der neue Hochbehälter des Wasserwerkes für die Städte Mülheim a Rh., Deutz und Kalk. (Zeitschr. d. Vereines deutscher Ingenieure. *Berlin*, 1899. 4°. v. 43, pp. 98–100.)

Dams, etc., cont'd.

Great Britain.

Barber (T. W.), *and* James Casey. The great Thames barrage. (Public Works. v. 2, pp. 17–33; 207–214; v. 4, pp. 244–248; v. 5, pp. 28–32. *London*, 1903–05.)

Concrete (A) and steel covered reservoir for Hoylake and West Kirby Water Works, England. (Engineering Rec. v. 49, pp. 258. *New York*, 1904.)

Sandeman (Edward). Outlet valves at the Burrator reservoir of the Plymouth water works. 4 pl. (Inst. Mechanical Engineers. Proc. 1899. pp. 407–411. *London*, 1899.)

Staines reservoir works. 1 pl. (Inst. of Jun. Engineers. Rec. of Transac. v. 11, Sess. 20, 1900–01, pp. 223–225. *London*, 1901.)

Williams (G. B.) Lining a reservoir near Whitby. *London: Inst. Civ. Eng.*, 1899. 9 p. 8°.
Excerpt: Proc. Inst. Civ. Eng. v. 137, pt. 3.

India.

Benson (John James Bourne). The irrigation-weir across the Bhadaa river, Kathiawar. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 153, pp. 129–141. *London*, 1903.)

Buckley (R. B.) A great Indian reservoir. [The Marikanave reservoir project at Mysore.] (Public Works. v. 5, pp. 207–213. *London*, 1905.)

Description of the regulating dam-sluices of the Doab canal. 1 pl. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1832. 8°. v. 1, pp. 454–456.)

Dhukwa (The) dam. illus. (Engineer. v. 103, pp. 492–495. *London*, 1907.)

Notes on weirs in India. (Engineer. v. 95, pp. 562–564. *London*, 1903.)

Mexico.

Schuyler (James D.) The Mercedes dam, Mexico. illus. (Engineering News. v. 56, pp. 445–447. *New York*, 1906.)

Nicaragua.

Le Baron (J. Francis). An alternative line for the Nicaragua canal: and a proposed new method of dam construction. [Discussion.] 1 map, 1 pl. (Amer. Soc. Civil Engineers. Proc. v. 28, Papers. pp. 678–693; 827–846. *New York*, 1902.)

Panama.

Ford (J. T.) A plan for constructing dams at great depth in water bearing material, with especial reference to the Bohio dam. (Engineering News, v. 48, pp. 377–379. *New York*, 1902.)

Morison (George Shattuck). The Bohio dam. [Discussion.] 3 pl. (Amer. Soc. of Civil Engineers. Transac. v. 48, pp. 235–313. *New York*, 1902.)

—— Lake Bohio the summit level of the Panama Canal. (Engineering Maga. v. 24, pp. 497–508. *New York*, 1903.)

Ward (C. D.) The Gatun dam. 1 pl. (Amer. Soc. of Civil Engineers. Proc. Papers. v. 30, pp. 377–381. *New York*, 1904.)

Spain.

Gorria (Hermenegildo). Memoria del proyecto de los pantanos de Hijar en construccion. 4 pl. (Anales de obras pub. Mem. y doc. v. 8, pp. 5–238. *Madrid*, 1880.)

Inchaurrandieta (R. de), *and others.* Memoria del proyecto de reconstruccion del pantano de Puentes en Lorca. Por R. de Inchaurrandieta, M. M. Campos, y M. Pardo. (Anales de obras pub. Mem. y doc. v. 2, pp. 5–215. 6 pl. *Madrid*, 1877.)

R. (P.) Effondrement de la couverture d'un réservoir d'eau en construccion à Madrid. (Géne civil. v. 57, pp. 342–344. *Paris*, 1905.)

United States.

Hardaway (B. H.) Remarks on the recent failures of masonry dams in the South. (Engineering News. v. 47, pp. 107–109. *New York*, 1902.)

Proposed steel dam, Irrigation Reclamation Service, U. S. Geological Survey. (Engineering News. v. 49, pp. 526–527. *New York*. 1903.)

Arizona.

Marriott (Crittenden). Greatest dam on earth. Enormous retaining structure under way to impound waters of Salt River, Arizona, for irrigation purposes. illus. (Technical World Maga. v. 4, pp. 296–304. *Chicago*, 1905.)

Roosevelt (The) masonry dam, on Salt River, Arizona. (Engineering News. v. 53, pp. 34–37. *New York*, 1905.)

California.

Allin (T. D.) Covered reservoirs at Pasadena. Cal. (Engineering News. v. 42, pp. 101–103. *New York*, 1899.)

Cole (Burt). Storage reservoirs on Stony Creek, California. *Washington: Govt. Prtg. Off.*, 1903. 62 p., 6 plans, 10 pl. 8°. (United States. Geological Survey. Water supply and Irrigation Paper, no. 86.)

Débris barrier no. 1. Yuba River, Cal. (Engineering News. v. 53, pp. 609–610. *New York*, 1905.)

Tabeau (The) high earth dam, near Jackson, Cal. (Engineering News. v. 48, pp. 26–29. *New York*, 1902.)

Colorado.

Goose-neck (The) canyon dam. (Engineering Rec. v. 41, pp. 218–219. *New York*, 1900.)

Hardesty (W. P.) The Castlewood rock-fill dam and the canal of the Denver Land & Water Co. (Engineering News & Amer. Railway Jour. *New York*, 1899. f°. v. 41, pp. 82–84.)

Hosea (R. M.) Earth dam of the Sugar Loaf reservoir in Colorado. illus. (Engineering News. v. 57, pp. 452–453. *New York*, 1902.)

Welles (A. M.) The Castlewood dam. (Engineering Rec. *New York*, 1898. f°. v. 39, pp. 69–70.)

Connecticut.

Construction of the Trap Falls dam, Bridgeport, Conn. (Engineering Rec. v. 53, pp. 391–395. *New York*, 1906.)

Norwich (Conn.)—*Water Works Commission.* Contract and specifications of embankment and reservoir. *n. p., n. d.* 56 p. 8°.

Illinois.

Movable crest dams at the water power development of the Chicago Drainage Canal. (Engi-

Dams, etc., cont'd.

neering Rec. v. 56, pp. 194–196. *New York*, 1907.)

Reinforced-concrete reservoir at Bloomington, Ill. (Engineering Rec. v. 53, pp. 285–287. *New York*, 1906.)

IOWA.

Cooley (Lyman E.) A proposed dam and water power on the Mississippi river at Keokuk, Iowa. [Discussion.] 1 pl. (Jour. Western Soc. of Engineers. v. 7, pp. 10–19. *Chicago*, 1902.)

MAINE.

Blake (Edmund M.) The new Sebago Lake reservoir of the Portland Water Company. (Engineering Rec. v. 49, pp. 92–95. *New York*, 1904.)

Leonard (J. A.) A proposed earth dam with a steel core and a reinforced concrete spillway at Ellsworth, Me. (Engineering News. v. 52, pp. 255–256. *New York*, 1904.)

MARYLAND.

Ledoux (J. W.) The Hagerstown reservoir. (Engineering Rec. v. 53, pp. 243–244. *New York*, 1906.)

MASSACHUSETTS.

Charles River.

Ferguson (John N.) The Charles river dam and lock at Boston. (Engineering Rec. v. 50, pp. 628–631. *New York*, 1904.)

Holmes (J. Albert). The Charles river dam and basin at Boston and Cambridge, Mass. (Engineering News. v. 53, pp. 31–33. *New York*, 1905.)

Massachusetts.—*Charles River Dam, Committee on.* Report of the committee on Charles River dam, appointed under resolves of 1901, chapter 105, to consider the advisability and feasibility of building a dam across the Charles River at or near Cragie Bridge. *Boston: Wright & Potter Prtg. Co., state prtrs.*, 1903. xvi, 579 p., 1 chart, 40 diagr., 14 maps (3 in pocket), 41 pl., 2 tab. 8°.

Clinton.

Earth (An) dam with loam core at Clinton, Mass. (Engineering Rec. v. 50, pp. 232–234; 250–251. *New York*, 1904.)

Echo Lake.

Metcalf (Leonard). The Echo Lake dam, at Milford, Mass. 6 pl. (Jour. New Eng. Water Wks. Assoc. v. 17, pp. 146–156. *Boston*, 1903.)

Fells Reservoir.

Howard (John L.) The construction of the Fells reservoir for the metropolitan water works. 3 pl. (Jour. New Eng. Water Works Assoc. v. 15, pp. 20–32. *Boston*, 1900.)

Forbes Hill.

Savile (C. M.) The construction of a reservoir and standpipe on Forbes Hill, Quincy, Mass. 6 pl. (Jour. New Eng. Water Works. v. 16, pp. 177–222. *Boston*, 1902.)

Lowell.

Lowell (Mass.)—*Water Commissioners Office.* Distributing reservoir. [Contract and specifications.] 1870. *n. p.* [1870?] 1 p.l., 30 p. sq. 4°.

Natick.

Fuller (Frank L.) Covering the Natick, Mass., reservoir with a concrete roof. [Discussion.] 5 pl. (Jour. New Eng. Water Wks. Assoc. v. 17, pp. 383–417. *Boston*, 1903.)

New Bedford.

New Bedford (Mass.)—*Water Commissioners.* Contract and specifications for distributing reservoir. [1867.] *n. p.* [1867?] 1 p.l., 26 p. sq. 4°.

Newton.

New (The) covered reservoir at Newton, Mass. (Engineering Record. v. 46, pp. 197–198. *New York*, 1902.)

Spot Pond.

Saville (Caleb Mills). Clearing and enlarging the Spot Pond storage reservoir, Metropolitan Water Supply. (Engineering News. v. 46, pp. 442–444. *New York*, 1901).

Wachusett Dam.

Crosby (William Otis). Geology of the Wachusett dam and Wachusett aqueduct tunnel of the Metropolitan water works in the vicinity of Clinton, Mass. illus. plates, map. (Technology quarterly. v. 12, pp. 68–96. *Boston*, 1899.)

Flinn (Alfred D.) The Wachusett dam for the metropolitan water supply, Boston, Mass. (Engineering News. v. 44, pp. 174–179. *New York*, 1900.)

Progress on the Wachusett dam of the Metropolitan Water Works, Massachusetts. (Engineering Rec. v. 49, pp. 268–269. *New York*, 1904.)

Saville (Caleb Mills). The metropolitan water works system of Massachusetts. The Wachusett dam. (Municipal Engineering. v. 33, pp. 1–5. *Indianapolis*, 1907.)

Stearns (Frederic P.) The north dike of the Wachusett reservoir, metropolitan water-works. (Engineering News. v. 47, pp. 366–369. *New York*, 1902.)

Wachusett (The) reservoir. (Engineering Rec. v. 41, pp. 50–53; 42, pp. 218–220, 242–4. *New York*, 1900.)

Walden Pond.

Leland (George J.) The Walden Pond dam of the Lynn Water Works. (Engineering Rec. v. 48, pp. 760–763. *New York*, 1903.)

Waltham.

Brewer (Bertram). The reinforced concrete reservoir at Waltham, Mass. illus. (Engineering Rec. v. 55, pp. 32–33. *New York*, 1907.)

MINNESOTA.

Reconstruction of the Lake Winnibigoshish dam. (Engineering Rec. v. 46, pp. 250–251. *New York*, 1902.)

MISSOURI.

Chittenden (The) drum dam. (Engineering Rec. v. 40, pp. 356–358. *New York*, 1899.)

MONTANA.

Carroll (Eugene). The construction of a crib dam for the Butte city water co. (Jour. Assoc. of Engineering Soc. v. 22, pp. 196–203. *Philadelphia*, 1899.)

—— A Montana crib dam. (Engineering & Mining Jour. v. 67, pp. 711–712. *New York*, 1899.)

Dams, etc., cont'd.

Harper (Jos. H.) The reconstruction of the Big Hole dam. (Montana Soc. of Engineers. Proc. of 1899. pp. 41–53. 1900.)

—— The reconstruction of the Big Hole dam. 3 pl. (Jour. Assoc. of Engineering Soc. v. 24, pp. 239–255. *Philadelphia*, 1900.)

New Jersey.

Cedar Grove (The) reservoir of the Newark, N. J., waterworks. (Engineering Rec. v. 48, pp. 680–681; 725–727. *New York*, 1903.)

Concrete-steel (A) reservoir for East Orange, N. J. (Engineering Rec. v. 49, pp. 386–387. *New York*, 1904.)

Parsons (H. de B.) A small rock-fill dam [at Darlington, New Jersey. [Discussion.] 2 pl. (Amer. Soc. Civil Engineers. Transac. v. 50, pp. 351–362. *New York*, 1903.)

—— —— Also in: (Amer. Soc. Civil Engineers. Proc. Papers. v. 29, pp. 256–263. *New York*, 1903.)

New York.

Break (The) in the Utica reservoir. (Engineering Rec. v. 46, pp. 290–293. *New York*, 1902.)

Brooklyn.—*Law, Water and Drainage, Joint Committee.* [Statement of the views and position of the Board of City Works in relation to the completion of the new Storage Reservoir in Hempstead Valley . . . June 8, 1875.] [*Brooklyn*, 1875.] 47 p. pap. 8°.

Buffalo.—*Water Commissioners.* Specifications for the construction of the new reservoir for the Buffalo city water works. [*Buffalo: Matthews, Northrup & Co.*, 1889.] 59 p. pap. 8°.

Construction of the Schuylerville concrete dam and power house. (Engineering Rec. v. 51, pp. 266–267. *New York*, 1905.)

Cross river dam in the Croton water-shed. Description of an unusual method of construction employed on the New York water-works. (Engineering Rec. v. 53, pp. 728–731. *New York*, 1906.)

Gowen (Charles S.) The changes at the new Croton dam. 1 pl. (Amer. Soc. of Civil Engineers. Proc. v. 31, pp. 598–610. *New York*, 1905.)

New (The) Croton dam. 2 pl. (Engineer. v. 103, pp. 364; 384–385; 412–414; 439; 466–467. *London*, 1907.)

Rafter (G. W.), *and others.* The Indian river dam. By G. W. Rafter, W. Greenalch, and R. E. Horton. *n. p.* [1899.] 16 p., 1 plan. 4°.

Repr.: Engineering News, May, 1899.

Rafter (G. W.) Natural and artificial reservoirs of the state of New York. *n. p.* [1902?] 1 p.l., 372–437 p., 1 map, 5 pl.

Rpt.: N. Y. S. Fisheries, Game & Forest Comm. rpt. 6, 1901.

Regulating the water-levels of the great lakes by a dam on the Niagara river. (Engineering News. v. 42, pp. 333–334. *New York*, 1899.)

Oregon.

Henny (D. C.) Experiments on material for Cold Springs dam, Umatilla irrigation project, Oregon. (Engineering News. v. 57, pp. 250–253. *New York*, 1907.)

Pennsylvania.

Chadbourn (W. H.), *jr.* The Beaver movable dam. (Engineering Rec. v. 51, pp. 299–302. *New York*, 1905.)

Flood-water channel, Altoona reservoirs. (Engineering Rec. v. 40, pp. 386–387. *New York*, 1899.)

Knight (Charles W.) Flood-water channel of the Altoona, Pa., reservoirs. (Jour. New Eng. Water-Works Assoc. v. 14, pp. 151–162. *Boston*, 1899.)

Souder (Harrison). Failure of Oakford Park dam across Brush Creek near Jeannette, Pennsylvania. (Proc. Engineers' Club of Phil. v. 21, pp. 215–226. *Philadelphia*, 1904.)

Rhode Island.

Providence.—*Water Commissioners.* Contract and specifications for Hope reservoir. [*Providence,*] 1873. 52 p. 4°.

—— —— Contract and specifications for Sochanosset Reservoir. [*Providence*, 1870.] 51 p. 4°.

Rhode Island.—*Dams and Reservoirs Commission.* Annual report of the commissioner. 1–date. *Providence*, 1883–date. 8°.

Current.

South Carolina.

Sheppard (John L.), *jr.* Rebuilding the Portman dam near Anderson, S. C. (Engineering Rec. v. 49, pp. 408–410. *New York*, 1904.)

South Dakota.

Lea (Samuel H.) The construction of a reinforced concrete reservoir at Fort Meade, South Dakota. (Engineering News. v. 54, pp. 680–686. *New York*, 1905.)

Rea (S. H.) Reservoir at Ft. Meade, S. D. (Municipal Engineering. v. 30, pp. 257–262. *Indianapolis*, 1906.)

Reinforced-concrete reservoir at Fort Meade, S. D. (Engineering Rec. v. 53, pp. 153–154. *New York*, 1906.)

Walter (Raymond F.) The Belle Fourche dam, Belle Fourche project, South Dakota. (Engineering Rec. v. 53, pp. 307–310. *New York*, 1906.)

Texas.

Failure (The) of the Austin dam. (Engineering News. v. 30, pp. 250–253. *New York*, 1900.)

Parker (R. D.) Failure of the Austin dam. (Engineering Rec. v. 41, pp. 372–373. *New York*, 1900.)

Taylor (Thomas U.) More light on the failure of the Austin dam. (Engineering News. v. 43, pp. 308–309. *New York*, 1900.)

—— The silting-up of Lake McDonald and the leak at the Austin dam. (Engineering News. v. 43, pp. 135–136. *New York*, 1900.)

Virginia.

Pedlar river concrete-block dam, Lynchburg, water-works. (Engineering Rec. v. 53, pp. 584–586. *New York*, 1906.)

Washington, D. C.

Brightwood (The) reservoir, Washington, D. C. (Engineering Rec. v. 41, pp. 193–196. *New York*, 1900.)

DIKES.

See LEVEES, etc.; *also* RIVERS.

DOCKS, PIERS, AND WHARVES.

Allen (Horatio). Statement establishing the superior stability of the sectional dock over that of the balance dock; and its advantages for naval purposes. *Washington*, 1846. 8°.

—— Summary comparison of the stone dock with the sectional floating dock, when used in combination with a basin and arrangements to place ships on shore, etc. *Washington*, 1846. 8°.

Allen (J. Romilly) Theory and practice in the design and construction of dock walls. *London*, 1876. pl. f°.

Asaoka (M.) The docking of battleships. (Engineering. v. 73, pp. 792–794. *London*, 1902.)

Brereton (Cuthbert A.) Dry docks. [Discussion.] 7 pl. (Amer. Soc. of Civil Engineers. Internat. Engineering Congr., 1905, Transac. v. 54, pt. F., pp. 379–384; 409–438. *New York*, 1905.)

Clark (Lyonel Edwin). The floating dock as an adjunct to a war navy. (Engineers Gazette. v. 14, pp. 202–206. *London*, 1900.)

—— —— (Marine Engineering. v. 6, pp. 20–22; 48–53. *New York*, 1901.)

—— Floating docks. [Discussion and correspondence.] 2 pl. (Min. of Proc. Inst. of Civil Engineers. v. 161, pp. 1–113. *London*, 1905.)

Cole (Henry A. B.) The towing resistance of a floating dock. (Internat. Marine Engineering. v. 12, pp. 133. *New York*, 1907.)

Construction par l'air comprimé de nouvelles cales seches, au port de Kiel. 1 pl. (Génie civil. v. 43, pp. 404–407. *Paris*, 1903.)

Cox (Leonard M.) The naval floating dock—its advantages, design and construction. 6 pl. (Amer. Soc. Civil Engineers. Proc. Papers and discuss. v. 32, pp. 726–779; 1025–1038. *New York*, 1906.)

Cunningham (Andrew Chase). Modern floating dry docks. 3 plates, plans, diagrams. (Technology quarterly, v. 19, pp. 354–381. *Boston*, 1906.)

Cunningham (Brysson). The modern development of docks. (Cassier's Maga. v. 25, pp. 485–495. *New York*, 1904.)

—— The modernisation of ancient docks. (Engineering. v. 78, pp. 881–883. *London*, 1904.)

Delachanal (E.) Progrès de l'application de la mécanique à l'outillage des ports. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 18 p., 3 pl. 8°. (8. International Congress on navigation. sec. 4., ques. 9.)

Also in English.

Design (The) of a dry-dock. (Engineering Rec. v. 50, pp. 482–484. *New York*, 1904.)

Dietzius (Alexander). Ueber Schwimmdock-Anlagen. 1 pl. (Schiffbau. Jahrg. 6, pp. 421–431. *Berlin*, 1905.)

Druyvesteyn (W. F.) Studie over kaaimuren voor diepgaande zeeschepen. (Tijdschr. v. h. konink. Inst. v. Ingen. 1903–1904, pp. 12–53. *s Gravenhage*, 1903.)

Dry docks. Stone vs. wood. An informal discussion. (Amer. Soc. of Civil Engineers. Proc. *New York*, 1899. 8°. v. 25, pp. 90–129.)

Elgar (Francis). The distribution of pressure over the bottom of a ship in dry dock and over the dock blocks. (Engineers' Gaz. v. 13, pp. 203–206. *London*, 1899.)

Evolution (The) of the floating dock. (Engineers' Gazette. v. 17, pp. 52–54; 88–90; 110–112; 130; 152–154; 176–178. *London*, 1903.)

Foerster (Ernst). Docks. 1 pl. (Velhagen & Klasings Monatshefte. Jahrg. 18. v. 2, 1903/1904, pp. 419–431. *Berlin*, 1904.)

Ford (John D.) Floating drydocks—their military possibilities and value. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 1–18. *Washington*, 1903.)

Fowler (Charles Evan). Ordinary foundations. including the coffee-dam process for piers. With numerous practical examples from actual work. *New York: J. Wiley & Sons*, 1905. xxvi, 314 p. illus. 2. ed. 8°.

Gilbert (John S.) Documentary and other evidence in favor of Gilbert's balance floating drydock. [*Washington?* 1843] 24 p. 8°.

Joehrens (Ad.) Ueber die Beanspruchung langer schwimmender Landungsanlagen. (Ztschr. f. Architektur u. Ingenieurwesen. Heft-Ausgabe. Jahrg. 1900. v. 46, (n. s. v. 5) col. 51–64. *Hannover*, 1900.)

Kaimauern für tiefgehende Seeschiffe. (Österr. Wochenschrift f. d. öffentl. Baudienst Jahrg. 10, pp. 105–109; 124–127. *Wien*, 1904.)

Leighton (Arthur). Notes on concrete construction, George's dock. [With discussion.] (Liverpool Engineering Soc. Transac. sess. 28, v. 23, pp. 204–221. *Liverpool*, 1902.)

Leonard (R. W.) Masonry pier moved by ice and replaced. 1 plan. (Transac. Canadian Soc. of Civil Engineers. v. 12, pp. 131–133. *Montreal*, 1899.)

Liljencrantz (G. A. M.) Cost of crib construction—Brief methods for preparing estimates. 2 pl. (Jour. West. Soc. of Engineers. v. 4, pp. 161–369. *Chicago*, 1899.)

Moncrieff (J. Mitchell). Commercial dry docks. [With discussion.] 8 pl. (N. E. Coast Inst. of Engineers and Shipbuilders. Trans. v. 22, pp. 123–169. *Newcastle-upon-Tyne*, 1906.)

Owen (Douglas). Ports and docks: their history, working and national importance. *London: Methuen & Co.*, 1904. 4 p.l., 179 p., 2 pl. 12°.

Pallavicino (C.) I docks o porto artefatti. *Genova*, 1842. 8°.

Piaud (L.) Les grands docks flottants. illus. (Genie civil. v. 48, pp. 324–328, 337–341. *Paris*, 1906.)

Redman (J. B.) Remarks on the formation of entrances to wet and dry docks situated upon a tideway; illustrated by the principal examples in the port of London. With an abstract of the discussion upon the paper... *London: W. Clowes & Sons*, 1848. 28 p., 1 pl. 8°.

Excerpt. Minutes of Proceedings of Inst. of Civil Engineers.

Docks, etc., cont'd.

Ruggeri (D.) Considerazioni e calcoli relativi alla organizzazione dei cantieri per lavori di terra. (Annali d. soc. degli ingegneri e degli archit. Ital. anno 15, pp. 228–258. *Roma*, 1900.)

Shultze (Joseph J.) Development in floating dry-docks. (Engineering Maga. v. 25, pp. 673–687. *New York*, 1903.)

Schultz (Joseph S.) The development of dry-dock pumping machinery. (Engineering Maga. v. 28, pp. 348–368. *New York*, 1904.)

Squire (W. W.) Harbour works and dock construction. 3 pl. (Roy. Engineers Inst. Prof. papers of the Corps of Roy. Engineers. Occasional papers. v. 28, pp. 121–139. *Chatham*, 1903.)

Stockhusen (C.) Ein Beitrag über moderne Werftanlagen. 1 pl. (Jahrb. d. schiffbautech. Gesellsch. v. 4, pp. 654–663. *Berlin*, 1903.)

Sutcliffe (Fielden). Sundry notes on dock construction. 4 pl. [Discussion.] (Transac. Liverpool Engineering Soc. v. 26, pp. 139–180. *Liverpool*, 1905.)

Timonoff (V. E.) Temporary dry docks for rapid construction. [Discussion.] 7 pl. (Amer. Soc. of Civil Engineers. Internat. Engineering Congress, 1905, Transac. v. 54, pp. 397–438. *New York*, 1905.)

Vernon-Harcourt (L. F.) Harbours and Docks: their physical features, history, construction. *Oxford: Clarendon Press*, 1885. 2 v. 8°.

Wiking (A. F.) Der Bau von Schwimmdocks, 16 pl. (Jahrb. d. Schiffbautechnisch. Gesellsch. v. 6, pp. 434–466. *Berlin*, 1905.)

Young (Alfred W.) The design of a dry dock. (Engineering. v. 78, pp. 449–452. *London*, 1904.)

—— The design of a dry dock. 2 pl. (Junior Inst. of Engineers. Rec. of Transac. v. 14, sess. 23, 1903–1904, pp. 163–184. *London*, 1905.)

Regional.

Africa.

C. (A.) Appontement métallique de Lome. (Afrique occidentale.) 1 pl. (Genie civil. v. 47, pp. 177–180. *Paris*, 1905.)

Durban (The) floating dock and workshop. (Sci. Amer. v. 90, pp. 7–8. *New York*, 1903.)

Floating dock for Khartoum. (Engineer. v. 92, p. 438. *London*, 1901.)

Gauckler ( ). Construction d'un mur de quai dans la baie de l'Agha (Fond de vase molle reposant sur un rocher très irrégulier). (Annales d. ponts & chaussées. Pt. 1, sèr. 8, année 1, pp. 342–350. *Paris*, 1901.)

Novel steel pier construction at Lome, Africa. (Engineering News. v. 55, pp. 578–579. *New York*, 1906.)

Freiss (K.) Die Landungsbrücke in Lome. 2 pl. (Ztschr. d. Vereines deut. Ingenieure. v. 48, pp. 1803–1809. *Berlin*, 1904.)

Argentine Republic.

Carena (The) dry-dock Argentine Republic. (Engineering Rec. v. 48, pp. 587–588. *New York*, 1903.)

Australia.

Craig (Alexander Donald). Dry dock at Riley's Hill on the Richmond River, New South Wales. (Inst. Civil Engineers. Minutes of Proc. Papers. v. 152, pp. 188–195. *London*, 1903.)

New South Wales.—*Public Service Bd.* Government docking establishment, Biocla. (Return respecting.) 1899. [*Sydney: W. A. Gullick*, 1900.] 92 p. f°.

—— *Public Works, Parliamentary Standing Comm. on.* Report...relating to the proposed wharfage. Woolloomooloo Bay. 1900. *Sydney: W. A. Gullick*, 1900. 8, 50 p., 1 plan. f°.

Selfe (Norman). Some notes on a wharf recently built in deep water at Dawes' Point, Sydney, New South Wales. Plate. (Royal soc. of New South Wales. Jour. and Proc. v. 32, pp. lxiv–lxvi. *Sydney*, 1898.)

Belgium.

Extension (The) of the port of Antwerp. (The Engineer. *London*, 1898. f°. v. 85, pp. 224–225; 319; 394–395.)

Hogdon (Frank W.) Notes collected in relation to docks and harbors in Great Britain, France and Belgium in the summer of 1900. (Jour. Assoc. of Engineering Soc. v. 28, pp. 116–139. *Philadelphia*, 1902.)

Kaemmerer (W.) Schwimmdock von 11500-t Tragfähigkeit im Betrieb der Société Anonyme "Le Vulcaine Belge," Hoboken bei Antwerpen, erbaut von der Gutehoffnungshütte, Aktienverein für Bergbau und Hüttenbetrieb zu Sterkrade. 1 pl. (Ztschr. d. Vereines deutsch Ingen. v. 48, pp. 1601–1603. *Berlin*, 1904.)

Piens (Ch.) Port de Zeebrugge. Les flotteurs d'allègement des caissons d'infrastructure du môle. 1 pl. (Annales d. trav. pub. sér. 2, v. 9, pp. 867–872. *Bruxelles*, 1904.)

Zanen ( ). Le port d'Anvers. construction des quais de l'Escaut a Anvers (Sud). Résultats de quelques expériences sur les bétons mis en œuvre. (Annales d. trav. pub. de Belgique. année 62, sér. 2, v. 10, pp. 399–420. *Bruxelles*, 1905.)

Zanen (F.), *and* J. Pierrot. Construction de 2,000 mètres de quai en rivière au sud d'Anvers en prolongement des quais existants á l'Escaut. 17 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 11, pp. 7–90. *Bruxelles*, 1906.)

Bermuda.

Bermuda (The) floating dock. (Engineering. v. 73, pp. 789–790. *London*, 1902.)

New (The) Bermuda floating dock. 1 pl. (Engineering. v. 73, pp. 212–213, and 218. *London*, 1902.)

Canada.

Canada, Dominion of.—*Public Accounts Committee.* Report and minutes of evidence in connection with the Kingston graving dock. 1891. 2 l., 10 pp. *Ottawa: Brown Chamberlin*, 1891. 8°. (App. to House Jol. v. 25, no. 2.)

—— —— Same. Separate.

Chile.

Horn (v.) Das Trockendock von Talcahuano (Chile). (Zeitschr. d. oesterr. Ingenieur- und Ar-

Docks, etc., cont'd.

chitekten-Vereines. Jahrg. 51, pp. 329–335. *Wien*, 1899.)

Kraus (J.) Het droogdok te Talcahuano (Chili). 13 pl. (Tijdschr. van het Konink. Inst. van Ingenieurs. 1898–1899, 2 Gedeelte, pp. 1–14. *'s-Gravenhage*, 1898.)

Pneumatic cylinder piers. Valparaiso. (Engineering Rec. *New York*, 1898. f°. v. 38, p. 556.)

China.

Denison (Albert). The graving docks of Hong Kong. *London: Institution [of Civil Engineers]*, 1904. 5, (1) p. 8°.

Repr.: Proc. of the Inst. of Civ. Eng.

Shanghai (The) Engineering, Shipbuilding and Dock co's "Oriental" dry dock and works, Shanghai. (Marine Engineer. v. 21, pp. 310–312. *London*, 1899.)

Cuba.

Cuba.—*Ordinances.* Reglamento para la conservacion y policia de los muelles del estado. *n. t.-p. n. p.* [1872] 7 p. 8°.

Dutch East Indies.

Nederlandsch-Indische Droogdok-Maatschappij. Statuten. *Utrecht: K. A. Manssen*, 1872. 24 p., 1 l. 8°.

Plan van oprichting eener maatschappij tot het leggen en exploiteeren van drijvende droge dokken in Nederlandsch Oost Indie. *Utrecht: K. A. Manssen*, 1872. 30 p., 1 chart, 1 pl. 8°.

France.

Batard-Razelière ( ). Communication sur les procédés de fondation des murs de quai du bassin de la Pinéde à Marseille. (Bull. Soc. sci. indust. de Marseille. année 28, pp. 93–110. *Marseille*, 1900.)

Bourgougnon ( ). Murs de qui récemment construits à Nice et à Cannes. Comparaison entre deux modes de construction: air comprimé, blocs artificiels. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 17, pp. 34–62. *Paris*, 1905.)

Dumas (A.) La nouvelle gare maritime de la Compagnie Générale Transatlantique, au Havre. [illus.] 1 pl. (Génie civil. v. 49, pp. 321–326. *Paris*, 1906.)

Great Britain.—*Foreign Office.* Summary of information received from Her Majesty's consuls upon the docks and cargo arrangements in the chief ports of France and northern Europe. *London: Harrison & Sons, prtrs.* [1900] 1 p.l., 108 p. f°. Cd. 362. (Commercial. no. 5 [1900].)

Guiffart ( ). Notice sur les travaux de construction du 3e bassin de radoub de Missiessy. (Annales d. ponts & chaussées. pt. 1, sér. 7, v. 9, pp. 151–194. *Paris*, 1899.)

Hogdon (Frank W.) Notes collected in relation to docks and harbors in Great Britain, France and Belgium in the summer of 1900. (Jour. Assoc. of Engineering Soc. v. 28, pp. 116–139. *Philadelphia*, 1902.)

Joly (A.) Drydocks of France. [Discussion.] (Amer. Soc. of Civil Engineers. Internat. Engineering Congr., 1905, Transac. v. 54, Pt. F., pp. 385–396; 409–438. *New York*, 1905.)

Richou (G.) Reconstruction des formes de radoub de Pontaniou dans l'Arsenal de Brest. 1 pl. (Génie civil. v. 41, pp. 1–7. *Paris*, 1902.)

[Talabot (P.)] Voies ferrées des ports de Marseille: lettre addressée à M. le Ministre des Travaux Publics par la Compagnie des Docks et Entrepots de Marseille. Dec. 1881. [Signed P. Talabot.] *Paris: Ethioi-Perou*, 1881. 12 p., 1 map. 8°.

Talansier (Ch.) Appontement de Pauillac (Gironde). 1 pl. (Génie civil. v. 36, pp. 1–5; 17–20; 33–38. *Paris*, 1899.)

Voies ferrées des ports de Marseille: lettre addressé à M. le Ministre des Travaux Publics par le Compagnie. Dec. 1881. [Signed P. Talabot.] *Paris: Éthiou-Pérou*, 1881. 12 p., 1 map. 8°.

Germany.

C. (A.) Portes flottantes des nouvelles formes de radoub du port de Kiel. 1 pl. (Génie civil. v. 47, pp. 388–390. *Paris*, 1905.)

Franzius ( ). Der Bau der neuen Trockendocks auf der Kaiserlichen Werft in Kiel. 9 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 53, col. 291–320, 495–514; Jahrg. 55, col. 113–134, 343–366. *Berlin*, 1903–1905.)

Klitzing (Ph. von). Dockanlage für Torpedoboote auf der Kaiserlichen Werft Kiel. (Ztschr. d. Vereines deutch. Ingen. v. 50, pp. 96–99. *Berlin*, 1906.)

Krecke (August) Die Werft- und Uferbauten der neuen Hafenanlage zu Köln. (Ztschr. f. Architektur u. Ingenieurwesen. *Hannover*, 1898. f°. Jahrg. 44, col. 641–648.)

Largest (The) floating dock in the world. [Stettin, Germany.] (Scientif. Amer. *New York*, 1898. f°. v. 79, p. 196.)

Rudloff (R.) Die Bremerhavener Dockanlagen, insbesondere das Kaiserdock. (Ztschr. f. Architek. u. Ingenieurwesen. Jahrg. 1902, v. 48 (n. s. v. 7), col. 129–160, 271–286, 479–498, 607–635. *Wiesbaden*, 1902.)

Stettin floating graving dock. 1 diag. (Jour. Amer. Soc. of Naval Engineers. *Washington*, 1898. 8°. v. 10, pp. 677–684.)

Züblin (Karl). Das Schwimmdock der Aktien-Gesellschaft "Neptun" Schiffswerft und Maschinenfabrik zu Rostock i. M. (Schiffbau. Jahrg. 6, pp. 241–246. *Berlin*, 1904.)

—— The floating dock of the Aktien Gesellschaft "Neptun" shipyard and engine works of Rostock in Mecklenburg. (Marine Engineering. v. 10, pp. 242–245. *New York*, 1905.)

Gibraltar.

Tizard (T. H.), *and* W. SHIELD. Gibraltar. Report on proposed eastern harbour and dock. With drawings. *London: Eyre & Spottiswoode*, 1903. 11 p., 5 maps. f°. (Gr. Br. Admiralty.) Cd. 1455.

Great Britain.

Hogdon (Frank W.) Notes collected in relation to docks and harbors in Great Britain, France and Belgium in the summer of 1900. (Jour. Assoc. of Engineering Soc. v. 28, pp. 116–139. *Philadelphia*, 1902.)

New dock and harbour works in the east of Scotland. (Engineer. v. 91, pp. 237. *London*, 1901.)

Docks, etc., cont'd.

BARROW-IN-FURNESS.

Saville (Leopold Halliday). Lowering the sill of the Ramsden dock, Barrow-in-Furness. 2 pl. (Inst. of Civil Engineers. Min. of Proc. v. 158, pp. 106–119. *London*, 1904.)

Stileman (Frank). Barrow docks and approaches by land and sea. (Inst. of Mechanical Engineers. Proc., 1901. pp. 595–605. *London*, 1901.)

BURNTISLAND.

Henderson (Robert). Burntisland harbour: construction of the east dock. [Discussion, etc.] 1 pl. (Inst. of Civil Engineers. Min. of Proc. v. 158, pp. 120–153. *London*, 1904.)

CORK.

Barry (Philip). The deep-water quays in the port of Cork. *London: The Inst.*, 1890. 14 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 100, Sess. 1889–90, Pt. 2.

DEVONPORT.

New naval docks at Devonport. (Engineering. v. 83, pp. 197–203. *London*, 1907.)

Pilkington (*Sir* Henry). Caissons for new graving-docks at Devonport dockyard. illus. (Engineering. v. 83, pp. 201–203; 267–270. *London*, 1907.)

DINORWIC.

Oswell (Frank). Port Dinorwic docks. 1 pl. (Minutes of proc. of the Inst. of Civil Engrs. v. 147, pp. 290–307. *London*, 1902.)

DOVER.

Beer (Walter). Ship slipways: the Dover slipway. *London: The Inst.*, 1894. 10 p., 1 l., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 118, Sess. 1893–94, Pt. 4.

GLASGOW.

Alston (W. M.) The old quay walls of Glasgow harbor. [Discussion.] 8 pl. (Trans. Inst. Engineers and Shipbuilders in Scotland. v. 46, pp. 305–327. *Glasgow*, 1903.)

Baxter (George H.) The machinery of the Clyde trustees' No. 3 graving dock. 7 pl. (Transac. Inst. of Engineers and Shipbuilders of Scotland. v. 42, pp. 267–320. *Glasgow*, 1899.)

Clyde trustees' new dock. (Engineer. v. 103, pp. 419. *London*, 1907.)

New (The) graving dock of the Clyde navigation trust. (The Engineer. *London*, 1898. f°. v. 85, pp. 475–478; v. 86, pp. 29, 53–54, 78–80.)

Rothesay (The) dock at Glasgow. (Engineering. v. 83, pp. 543–548. *London*, 1907.)

HEBBURN.

New graving dock at Hebburn. (Engineer. v. 98, pp. 390–391. *London*, 1904.)

LEITH.

Cubitt (W.) Report on the harbour and docks of Leith, and the projected new harbours and docks in its vicinity. With an appendix. *Leith: R. Allardice*, 1834. 23 p., 2 maps. 8°.

Reply to the "Remarks" on the proceedings of the Leith dock commission...*Leith: W. Reid & Son*, 1828. 22 p. 8°.

Whyte (Peter). Notes on Leith docks and new works now in progress. 2 pl. (Proc. Incorp. Assoc. of Municipal and County Engineers. *London*, 1898. 8°. v. 24, pp. 327–337.)

LIVERPOOL.

Kenyon (George Cecil). Dock improvements at Liverpool. [With discussion.] 4 pl. (Amer. Soc. Civil Engineers. Transac. v. 52, pp. 36–72. *New York*, 1904.)

Statement (A) of the grounds upon which the trustees of the Liverpool docks propose applying to parliament...for authority to provide additional dock space...*Liverpool: G. F. Harris*, 1810. 1 p.l., 546 p., 1 map. 12°.

Webster (Thomas). Minutes of evidence on the Birkenhead and Liverpool dock bills, session 1848. With plans...1850? *London: Chapman & Hall*, 1850. 1 p.l., 121 p., 3 pl. 4°.

LONDON.

Answer to objections against the London docks. *See* **Vaughan** (William).

Aron ( ). Étude de l'administration actuelle du port de Londres et du projet de transformation presenté au parlement par la Commission Royale nommée a cet effet. (Annales d. ponts et chaussées. pt. 1. Mem. et doc. rel. à l'art d. constructions. 1902. ser. 8, v. 8, trimestre 4, pp. 171–222. *Paris*, 1902.)

Barry (The) docks. (Engineer. *London*, 1898. f°. v. 86, pp. 582–584.)

On wet docks. *See* **Vaughan** (William).

Cock (S.) Case of the London Dock Company. *London*, 1825. 2. ed. 12°.

Collection (A) of tracts on wet docks for the port of London, with hints on trade and commerce and on free-ports. [*London*,] 1797. v. p. 8°.

Comparative statement of the advantages . . . of the docks. *See* **Vaughan** (William).

Court (C.) "Wet and dry"; or, The docks of London: being the inquiry concerning the (proposed) Northfleet docks. *London: Baily Bros.*, 1859. 43 p. 12°.

Dock dividends and warehouse fires. *London: Richardson & Co.*, 1861. 54 p. 12°. (The Dock Pamphlets. No. 2.)

Dodd (R.) Letters to a merchant on the improvement of the port of London; demonstrating its practicability without wet docks, or any additional burdens...on shipping and at a less expense of time and money than any other plan...[*London*,] 1798. 18 p. 8°.

Facts plainly stated; in answer to a pamphlet entitled "Plain statement of facts, connected with the proposed St. Katherine's dock" by A London-dock proprietor. *London*, 1824. 8°.

Forster (Edward). The London docks...[a report at a general meeting of the subscribers to a fund for forming wet docks, by E. Forster.] *n. t.-p.* [*London*, 1796.] 7 p., 1 diagr., 3 pl. 8°. (In: Collection (A) of tracts on wet docks...[*London*,] 1797. 8°.)

Letter (A) to a friend on commerce and free ports, and London docks. [Signed * * *] *London*, 1796. 24 p. 8°.

Letter to a friend on...London-docks. *See* **Vaughan** (William).

Docks, etc., cont'd.

London (The) dock companies...their...position and...prospects, with suggestions for improvement...*London: Richardson & Co.*, 1861. 63 p. 8°.

New works at Barry dock. (Engineer. *London*, 1898. f°. v. 86, pp. 536–537, 582–584, 611.)

On wet docks, quays, etc. *See* **Vaughan** (William).

Plan of the London-Dock, with some observations respecting the river immediately connected with docks in general, and of the improvement of navigation. Part 2. *London*, 1794. 1 p.l., 12 p., 1 map. 8°. (In: A Collection of tracts on wet docks... *London*, 1797. 8°.)

Reasons in favour of the London-docks. *London*, 1707. 1 p.l., 9 p. 8°. (In: A Collection of tracts on wet docks...[*London*,] 1797. 8°.

Reply to the authorized defence of the St. Katherine's Dock project. *London*, 1824. 8°.

Thames (The) docks. (Engineering. v. 69, pp. 654–655. *London*, 1900.)

A **Thames** dry dock. (Engineering. *London*, 1898. f°. v. 66, pp. 432–433.)

Tracts on docks and commerce. *See* **Vaughan** (William).

Union docks, Limehouse. (Marine Engineer. v. 21, pp. 263–264. *London*, 1899.)

Vaughan (William). Answer to objections against the London-docks. [Anon.] *London*, 1796. 22 p. 8°.

—— Comparative statement of the advantages and disadvantages of the docks in Wapping, and in the Isle of Dogs. [Anon.] 2d edition. *London*, 1799. 8°.

—— Examination of W. Vaughan in a committee of the Hon. House of Commons, April 22, 1796, on the commerce of the port of London, and the accommodations for shipping, &c. *London*, 1796. 23 p., 1 plan. 8°. (In: A Collection of tracts on wet docks ... [*London*,] 1797. 8°.) (Gt. Brit. Trade and Shipping of London, Committee on.)

—— Letter to a friend on commerce and free ports, and London-docks. [Anon.] *London*, 1796. 2 p.l., 24 p. 8°.

—— On wet docks, quays, and warehouses, for the port of London; with hints respecting trade; pt. 1. *London*, 1793. 2 p.l., 27 p. 8°.

—— Tracts on docks and commerce, printed between the years 1793 & 1800 ... with an introduction, memoir, and miscellaneous pieces. *London: Smith, Elder & Co.*, 1839. 134, 27, 24, 23, 8 p., 1 pl., 1 port. 8°.

NEWPORT.

Frech (Sigismund Alfred). The Tredegar Dry Dock, Newport, Monmouth. (Inst. Civil Engineers. Min Proc. v. 167, pp. 271–285. *London*, 1907.)

PENARTH.

Penarth docks. [Renewal of the gates, a piece of clever engineering by Hurry Riches.] (Engineering. *London*, 1898. f°. v. 66, pp. 71–74.)

SEAHAM.

Gask (Percy Tillson). The construction of the Seaham Harbour dock-works. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 165, pp. 252–261. *London*, 1906.)

PORTSLADE.

Cash (J.) The construction of a concrete wharf at Portslade. *London: Inst. Civ. Eng.*, 1894. 5 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 118, pt. 4.

SOUTHAMPTON.

New graving dock at Southampton. (Engineer. v. 100, pp. 386–388. *London*, 1905.)

P. (W. T.) Southampton docks to-day. (Nautical Maga. *London*, 1898. 8°. v. 67, pp. 837–858.)

Wentworth-Sheilds (F. E.) The removal of a dock-wall to form an entrance to the Prince of Wales graving-dock, Southampton. *London: Inst. Civ. Eng.*, 1897. 11 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 130, pt. 4.

SWANSEA.

Meik (P. W.), *and* A. O. SCHENK. Description of Swansea harbour and of the King's Dock, Swansea (now in course of construction). 2 pl. (So. Wales Inst. of Engineers. Proc. v, 25, pp. 53–58. *Cardiff*, 1906.)

TYNEMOUTH.

Tyne (The) north pier reconstruction. (Engineering. v. 74, pp. 133–134. *London*, 1902.)

Guatemala.

List (Charles). Personal experiences in the construction of a landing pier for the Ocos railway, Guatemala, C. A. (Jour. Assoc. of Engineering Soc. v. 30, pp. 118–129. *Philadelphia*, 1903.)

India.

Callaway (Hugh). Slipway on the Hooghly. *London: The Inst.*, 1898. 10 p., 1 l. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 131, sess. 1897–98. Pt. 1.

Kidderpur (The) docks: comprising the following papers: I. The Kidderpur docks, Calcutta. By W. D. Bruce. II. Note on the movement of the walls of the Kidderpur docks. By J. H. Apjohn... *London: Inst. Civ. Eng.*, 1895. 66 p., 2 pl. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 121, pt. 3.

New (The) Bombay docks. (Engineer. v. 100, p. 457. *London*, 1905.)

Wood (H.) A plan, section, and estimate, of a tidal dock, and a plan of an inner sluiced dock... for the port of Calcutta in the East Indies. [With: Appendix. Observations on the construction of floating docks at Calcutta. By A. Henderson.] *Brighton: A. Wallis*, 1846. 11, 1 l., 32 p., 2 maps, 2 plans. 8°.

Italy.

Genoa (City).—*Giunta Municipale.* Proposte della Giunta Municipale per la sistemazione generale della Darsena ad usi commerciali. *Genova: Fratelli Pagano*, 1889. 67 p., 8 plans. 4°.

Grandi bacini da carenaggio. Ampliamento di bacini esistenti. 1 pl. (Giorn. del genio civile. Anno 41, pp. 576–582. *Roma*, 1904.)

Japan.

New (A) Japanese dry dock. (Engineering. v. 74, pp. 242–243. *London*, 1902.)

Shiraishi (Naoji). A new graving dock at Nagasaki, Japan. 6 pl. (Amer. Soc. Civil Engi-

Docks, etc., cont'd.

neers. Proc.-Papers & Discuss. v. 31, pp. 553–558; v. 32, pp. 32–39. *New York*, 1905–06.)

Re-issued, revised, in the annual vol. of Transactions, v. 56, pp. 73–91.

Uraga (The) docks, Japan. (Engineer. v. 90, pp. 437–438. *London*, 1900.)

Malta.

Colson (Charles, *and* C. H.) Hamilton graving-dock, Malta. *London: The Inst.*, 1894. 24 pp., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng., v. 115. Sess. 1893–94. Pt. 1.

Netherlands.

Druyvesteyn (W. F.) Cylindrical foundations for a quay wall in the harbour of Delfzyl. [Discussion.] 7 pl. (Amer. Soc. of Civil Engineers. Internat. Engineering Congress, 1905. Transac. v. 54, pt. E., pp. 123–143. *New York*, 1905.)

Netherlands.—*Staatskommissie.* Verslag... benoemd bij Koninklijk besluit van 18 Februari 1895, no. 18... *Gravenhage*, 1897. f°.

Report on government shipbuilding and wharves.

Perkins (Frank C.) The new Rotterdam electrically-operated floating dock. [illus.] (Scientif. Amer. Suppl. v. 62, pp. 25709–25710. *New York*, 1906.)

Rotterdammer (Das) Schwimmdock IV. illus. (Ztschr. f. Elektrotech. u. Maschinenbau. v. 10, pp. 187–192. *Potsdam*, 1907.)

Philippines.

Aylward (William J.) The sea voyage of a dry-dock. An account of the Dewey's trip to the Philippines. illus. (Scribner's Maga. v. 41, pp. 513–536. *New York*, 1907.)

Bennett (F. M.) The Cavite dry dock at sea. 2 pl. (Amer Soc. of Naval Engineers Jour. v. 19, pp. 37–53. *Washington*, 1907.)

—— The voyage of the Dewey. illus. 2 pl. (U. S. Naval Inst. Proc. v. 32, pp. 1163–1212. *Annapolis*, 1806.)

Cox (Leonard M.) The self-docking tests of the steel floating dry dock for Cavite, P. J. 1 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 718–723. *Washington*, 1905.)

Cunningham (A. C.) The Cavite steel floating dry-dock, its strategic value in defending the Philippines. 6 pl. (Jour. Amer. Soc. of Naval Engineers. v. 15, pp. 472–511. *Washington*, 1903.)

Self-docking (The) steel floating dry-dock Dewey. (Marine Engineering. v. 10, pp. 401–406. *New York*, 1905.)

Steel wharves at Manila. (Engineering Rec. v. 53, pp. 741–742. *New York*, 1906.)

Willey (Day Allen). The Cavite floating dock. (Scientific Amer. Suppl. v. 60, pp. 24655–24657. *New York*, 1905.)

Russia.

Bigue flottante du port de Riga (Russie). 1 pl. (Génie civil. v. 46, pp. 207–208. *Paris*, 1905.)

Nystrom (John William). Description of a hydraulic pontoon-dock. *St. Petersburg: Imperial Academy of Science*, 1859. 14 p., 4 pl. 8°.

Spain.

Bellet (Daniel). Le dock flottant à transfert de Barcelone. (Rev. tech. v. 25, pp. 453–455. *Paris*, 1904.)

Floating dock for the Spanish government. (Engineer. v. 92, pp. 1718. *London*, 1901.)

Sweden.

Fellers (J.) Carlscrona Skepps-Docke. *Stockholm*, 1774. 4°.

United States.

[**Dakin** (S. D.)] A brief sketch of the plan and advantages of a sectional floating dry dock, combined with a permanent stone basin and platform, and connected with level bedways, sliding ways, and house slips, for repairing, launching, and laying up in ordinary, the ships of the United States Navy. *New York: P. Miller*, 1845. 8°.

Plan (The) and act of incorporation of the Floating Dry Dock Company, incorporated March, 1838, by the legislature of Virginia. New York, 1838. *Utica: R. Northway, jr.*, 1838. 20 p., 1 pl. 8°.

Stuart (C. B.) The naval dry docks of the United States, illustrated with 24 engravings. *New York*, 1852. 4°.

United States.—*Navy Department.* Docks for repairing ships of war. Letter from the Secretary...transmitting...information...upon the subject...March 31, 1826. *Washington: Gales & Seaton, prtrs.*, 1826. 28 p. 8°. (19. Cong., 1 sess. H. doc. 143.)

California.

Geldern (Otto von). Notes on the dry-dock and coffer-dam at the navy yard, Mare Island, California. *n.p.* [1890?] 1 p.l., 20 p., 2 plans, 3 pl. 8°.

Repr.: Technical Soc. of the Pacific Coast. Transactions, v. 7.

Hydraulic lifting dry dock at Union Iron Works, San Francisco. (Marine Engineering. v. 4 pp. 189–195. *New York*, 1899.)

New (The) 750 ft. dry-dock of the San Francisco Dry Dock Co., at Hunter's Point, Cal. (Engineering News. v. 44, pp. 276–278. *New York*, 1900.)

Florida.

Abert (S. Thayer). Plan of a ship basin and graving dock for the Pensacola Navy-Yard. *Washington: L. Towers*, 1860. 16 p. 8°.

Memorial of the proprietors of the improved stone dry dock [S. D. Dakin and others,] formed by the combination of the sectional floating dock, basin and rail-ways, for an appropriation...for the construction of that dock at the Pensacola Navy Yard... *Washington: T. Barnard*, 1846. 39 p. 8°

Illinois.

Concrete docks for the Illinois Steel Co. at South Chicago, Illinois. (Engineering News. v. 42, pp. 378–379. *New York*, 1899.)

Windett (Victor). Concrete dock construction at the South Works of the Illinois Steel Company. 3 pl. (Jour. West. Soc. of Engineers. v. 4, p. 433–445. *Chicago*, 1899.)

Docks, etc., cont'd.

LOUISIANA.

Chalmette (The) docks of the New Orleans Terminal Co. (Engineering Rec. v. 54, pp. 88–91; 125–127. *New York*, 1906.)

15,000-ton floating dry-dock for the U. S. naval station at Algiers, La. 1 pl. (Engineering News. v. 43, pp. 294–296. *New York*, 1900.)

Proposed U. S. naval floating dock to be located at New Orleans. (Marine Engineering. *New York*, 1898. 4°. v. 2, no. 7, pp. 10–12.)

Stuyvesant docks of the Illinois Central R.R. at New Orleans. (Engineering Rec. v. 53, pp. 770–774. *New York*, 1906.)

U. S. floating dry dock at Algiers, La.—Largest in the world. (Marine Engineering. v. 5, pp. 49–56. *New York*, 1900.)

MARYLAND.

Ashcroft (G. B.) The construction of a timber dry dock. 14 pl. (Canadian Soc. of Civil Engineers. Transac. v. 19, pt. 1, pp. 203–226. *Montreal*, 1905.)

New (The) dry-dock at Baltimore. (Engineering Rec. v. 43, pp. 248–250. *New York*, 1901.)

Pumping plant of the Skinner dry dock, Baltimore, Md. (Engineering Rec. v. 45, pp. 271–272. *New York*, 1902.)

Ritchie (James). The Baltimore dry dock of the Wm. Skinner & Sons shipbuilding and dry dock company. (Jour. Assoc. of Engineering Soc. v. 27, pp. 131–138. *Philadelphia*, 1901.)

MASSACHUSETTS.

Boston (Mass.)—*Park Commissioners, Board of.* Marine Park iron pier. Contract and specifications for building an iron pier at Marine Park ...*Boston: Rockwell & Churchill, city prtrs.*, 1887. 28 p. 8°.

—— *Utility of Wet Docks Committee.* Report of the committee on the utility of wet docks in connection with quarantines, and the propriety of placing the entire establishment under the jurisdiction of the United States Government. *Boston: Geo. C. Rand*, 1860. 28 p. 8°.

Boston Wharf Company. Report of the Board of directors, [1837/8,] '93. *Boston*, 1838–94. 8°.
Report for 1893 called no. 8.

New (The) masonry dry dock at Boston. (Engineering Rec. *New York*, 1899. 8°. v. 39, pp. 205–207.)

Wharf property; or, The law of flats; being remarks before the Judiciary Committee of the Senate of Massachusetts, April 14, 1852. *Boston: J. Wilson & Son*, 1852. 40 p. 8°.

MINNESOTA.

Concrete pier superstructure for the new ship canal entrance to Duluth harbor, Minn. 1 pl. (Engineering news. v. 44, pp. 56–58. *New York*, 1900.)

Marquette (The) breakwater and Duluth ship canal piers. (Engineering Rec. v. 40, pp. 501–505. *New York*, 1899.)

NEW HAMPSHIRE.

Portsmouth (The) dry-dock. (Engineering Rec. v. 43, pp. 270–272. *New York*, 1901.)

NEW YORK.

For New York City see the "Check list of works relating to the water front of the City of New York" printed in the BULLETIN for April, 1901, volume 5, pages 167–171.

Atlantic Dock Company. Prospectus. *New York*, 1844. 16 pp., 1 chart. nar. 8°.

Brooklyn (The) Wharf and Warehouse Co. Reorganization. Plan and agreement. *New York* [1901]. 18 pp. f°.

Donnelly (William T.) Balanced sectional dry dock built for the Tietjen & Lang Co. (Marine Engineering. v. 6, pp. 175–181. *New York*, 1901.)

—— A 10,000-ton balanced sectional dry-dock. 1 pl. (Engineering News. v. 45, pp. 314–317. *New York*, 1901.)

Kielland (S. M.) Dock construction in and around Buffalo. (Journ. of the assoc. of engineering soc. v. 28, pp. 379–386. *Philadelphia*, 1902.)

Largest (The) electrically operated dry dock in the world. (Electr. World & Engineer. v. 37, pp. 1063–1065. *New York*, 1901.)

Osborne (P. O. G.) Ferro-concrete coal wharf at Rochester. (Roy. Eng. Jour. v. 5, pp. 80–93. *London*, 1907.)

OHIO.

Cincinnati.—*Civil Engineer's Office.* Report, ...upon the improvement of Mill creek valley, by means of a harbor and docks...1865. *Cincinnati: Times Steam Book & Job Print. Off.*, 1865. 18 p., 2 plans. 8°.

Ritchie (James). The construction of the Lorain dry dock and shipyard of the Cleveland Ship-building company. (Amer. Soc. of Civil Engineers Transac. v. 39, pp. 323–338. *New York*, 1898.)

WISCONSIN.

40,000-ton capacity ore dock of the Great Northern Ry., at West Superior, Wis. Engineering News. v. 44, p. 424. *New York*, 1900.)

Venezuela.

Goffin (Joseph). Les travaux de la construction du quai de Puerto-Cabello. (Venezuela.) Une nouvelle application originale de l'association du fer et du ciment. (Rev. univ. des mines, de la métallurgie, etc. *Liége*, 1898. 8°. Ser. 3, v. 41, pp. 298–311.)

DRAINAGE.

Articles noted here are confined to the engineering side of the subject. The index (card) catalogue includes also much on the economic and agricultural features of drainage.

Hedrick (Ellen A.) List of reference to publications relating to irrigation and land drainage... *Washington: Govt. Prtg. Office*, 1902. 181 p. 8°. (U. S. Agric. Dept. Library Bull. 41.)

Alexander (A. B.) How the drainage improves a soil. [Discussion.] (Illinois Soc. of Engineers & Surveyors. 20th ann. rept., 1905, pp. 66–68. *Chicago*, 1905.)

Arndt (Leopold). Die Entsumpfung der Niederung von Vranã. 3 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12, pp. 782–789. *Wien*, 1906.)

Ashbaugh (L. E.) The assessment of drainage districts. (Jour. West. Soc. of Engineers. v. 11, pp. 433–452. *Chicago*, 1906.)

Drainage, cont'd.

Backman (Adolph). *En œconomisk beskrifning, huru sådana kjärr kunna gjöras nyttiga, hvarifrån vatnet ej kan ledas med diken. *Åbo*, 1757. 2 p. l., 12 p., 1 pl. 4°.

Beknopt overzigt der geschiedenis van de verveening en droogmaking der bedijkingen onder Mijdrecht, als verslag, op verzoek der ingelanden, door de directie van de derde bedijking opgemaakt. [*Mijdrecht?*, 1865?] 43 p., 1 map. nar. 8°.

Body (John Benjamin). The drainage of the valley of Mexico. *London: The Inst.*, 1901. 12 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 143, sess. 1900–1. Pt. 1.

—— —— (Engineering Rec. v. 44, pp. 131–134. *New York*, 1901.)

Boston.—*Back Bay Drainage Committee.* Report of the committee on the petition of David Sears, and others, in respect to the drainage of the Back Bay, June 4, 1850. *Boston: City Prtr.*, 1850. 59 pp., 2 maps. 8°.

—— —— —— [*Boston*, 1860.] 7 pp. pap. 8°. (City doc. No. 70.)

Brisse (Alexandre), *and* Léon de Rotrou. The draining of Lake Fucino, accomplished by Prince Alexander Torlonia: an abridged account; English translation by V. de Tivoli, Jr. [Fr. and Eng.] *Rome*, 1876. text 4°. atlas f°.

Brooklyn.—*Sewer Commission.* Report of the engineer to the commissioners of sewerage of the city of Brooklyn, on the general drainage of the city. *Brooklyn: L. Barbee & Son, prtrs.*, 1859. 50 pp. pap. 8°.

—— —— Report of the engineers to the commissioners of drainage of the city of Brooklyn, upon a plan for the drainage of wards 1, 3 and 6, September 10, 1857. *Brooklyn: I. Van Anden's Steam Presses*, 1857. 28 p. 8°.

Brown (L. W.) The drainage of New Orleans. (Engineering News. v. 43, pp. 180–184; v. 44, pp. 86–88. *New York*, 1900.)

Cadell (Henry Mowbray). Foreshore reclamation on the Forth. 5 plates. (Roy. Scottish soc. of arts. Transac. v. 16, pp. 13–32. *Edinburgh*, 1903.)

Cadolini (G.) Bonificamento per colmate nell' Agro Romano. (Annali d. Soc. degli ingegneri e degli architetti italiani. anno 16, pp. 389–394. *Roma*, 1901.)

California.—*Sacramento Flood Waters Outlet Commission.* Report of the commissioners appointed to examine into the practicabiiity of making a new outlet for the flood waters of the Sacramento Valley [requesting an appropriation for the continuance of the surveys, etc.]. Dec. 8, 1869. [*Sacramento: D. W. Gelwicks, state prtr.*, 1870.] 2 l. 8°. (App. Sen. & Ass. Jols. 18. sess. v. 3. doc. [51])

—— *Sacramento River Drainage Commission.* Report of the Board of Commissioners of the Sacramento River Drainage District to the governor of California. *Sacramento: F. P. Thompson, State Office*, 1879. 36 p., 1 diag., 1 map. 8°.

—— —— Report [adverse] of the board of commissioners...to the Governor of California. Dec. 15. [*Sacramento: F. P. Thompson, Supt. state prtg.*, 1879.] 30 p. 8°. (App. Sen. & Ass. Jols. 23. sess. v. 1. doc. [16])

—— *Drainage District, No. 1.* Report of the Board of Directors...showing progress of work to January 1, 1881. *Sacramento*, 1881. 26 p. 8°.

Compagnie des Polders de l'Escaut Oriental. Concession de terres à endiguer en Zélande, près d'Anvers. *Bruxelles: J. Delfosse*, 1851. 69 p., 1 l., 1 map. 8°.

Conrad (Frederick Willem). Memoire over het al of niet voordeelige voor Delfland van eene uitwatering in de Noord-Zee, te Scheveningen... *'s Gravenhage: Gebr. Van Cleef*, 1847. 44 p., 6 tab. 8°.

Creuzé La Touche (Jacques Antoine). Rapport fait au nom du comité d'agriculture et des arts sur la loi du 14 frimaire de l'an II, relative au desséchement des étangs. [*Paris: Imprimerie Nationale*, 1794.] 44 p. 8°.

[**Dam** van Isselt (E. W. van).] De concessie tot verveening des middelpolders, te Amstelveen, aan waarheid en regt getoetst. [Signed: E. W. van Dam Isselt.] *'s Gravenhage: K. Fuhri*, 1843. 1 p.l., 29 pp. nar. 8°.

Dempsey (G. D.) Rudimentary treatise on the drainage of towns and buildings. *London*, 1854. 12°.

—— Rudimentary treatise on the drainage of districts and lands. *London*, 1854. 2. ed. 12°.

Denton (J. B.) Agricultural drainage: a retrospect of 40 years' experiences. map. *London*. 1883. 8°.

Drainage Constructing Co. The sewerage and drainage of Newport, R. I. Proposition of the Drainage Constructing Co., submitted November 2d, 1880. *Newport, R. I.: Davis & Pitman*, 1880. 15 p., 1 map. 8°.

Drainage (The) of New Orleans. (Engineering. v. 74, pp. 103–104. *London*, 1902.)

Drainage (The) works of New Orleans. (Engineering Rec. v. 40, pp. 550–551. *New York*, 1899.)

Draining land by steam power. [Signed J. Glynn.] [*London: J. Moyes*, 1837?] *n. t.-p.* 22 p., 1 pl. 8°.

Repr.: Transactions of the Society of Arts, Manufactures, Commerce, &c., vol. 51.

Dugdale (*Sir* W.) The history of imbanking and draining of divers fenns and marshes. *London*, 1662. f°.

Duncan (John). Remarks on land drainage, in a series of letters, addressed to the editor of the Agricultural Gazette...*Edinburgh: Oliver & Boyd*, 1849. 24 p. 8°.

Elliott (Charles Gleason). Drainage of farm lands. *Washington*, 1904. 40 p. 19 figs. 8°. (U. S. Agriculture, Dept. of. Farmers' bulletin 187.)

—— Farm drainage. *Washington: Gov't Prtg. Off.*, 1896. 24 p. 8°. (U. S. Agric. Dept. Farm. bull. 40.)

—— Report on drainage investigations, 1903. *Washington: Govt. Prtg. Office*, 1904. 62 p., 3 plans, 2 pl. (U. S. Exper. Stations, Office of. Bull. 147.)

Drainage, cont'd.

Florida.—*Atlantic and Gulf Coast Canal and Okeechobee Land Company Committee.* Report of the committee appointed by the governor under chapter 3639, laws of Florida, on the work of the Atlantic and Gulf Coast Canal and Okeechobee Land Company. *n. p.*, n. d. 21 p. 8°.

Folsom (Charles William). The surface drainage of the Metropolitan district; from seventh report of the Mass. state board of health. *Boston*, 1876. 8°.

Fossombroni (V.) Considerazioni sopra il sistema idraulico dei paesi veneti. *Firenze*, 1847. 8°.

French (Henry F.) Arguments...March 12, 1862, before the Joint Committee of the Legislature of Mass., on the petition for the repeal of "An act in relation to the flowage of the meadows on Concord and Sudbury rivers." Approved April 4, 1860. [*Boston*, 1860.] 24 p. pap. 8°. (Mass. Concord and Sudbury Rivers, Committee on.)

G. (L.) The drainage of the Great Level. (Fenland Notes and Queries. v. 5, pp. 155–161, 280–286, 342–351. *Peterborough*, 1902.)

Gevers van Endegeest. Du dessèchement du lac de Harlem, avec les pièces justificatives. *Leide*, 1844. 8°.

Gibbs (L.) Pumping-machinery in the Fenland and by the Trentside. *London*, 1888. 8°.
Ex. Inst. Civ. Eng. Proceed. v. 94. sess. 1887–88. pt. 4.

Gisborne (T.) Agriculture drainage. An essay reprinted from the "Quarterly Review." *London*, 1852. 12°.

Grandvoinnet (J.) Drainage; l'art de tracer et d'établir des drains. *Paris*, 1854. 12°.

Great Britain.—*Health, General Board of.* Minutes of information collected in respect to the drainage of the land forming the sites of towns, to road drainage, and the facilitation of the drainage of suburban lands. January, 1852. *London: G. E. Eyre & W. Spottiswoode, prtrs.*, 1852. iv, 125 p. 8°.

Great Britain.—*Statutes.* Drainage of estates, and improvement of navigation and water power. An act...passed, 31. July, 1845. *n. t.-p.* [*Dublin: A. Thom,*] 1845. 39 p. 8°.

[**Hand** (C. A.)] Memoranda upon the "Act to authorize the drainage of marsh land" (Chap. 864) passed June 9, 1868. [Signed C. A. Hand.] *n. p.* [1874?] 5 p. 4°.

Haushofer (Max). Die Entwässerung des Donaumooses bei Neuburg ... Im Auftrage des Kgl. bayer. Staatsministeriums des Innern bearbeitet von Max Haushofer. Augsburg im Jahre 1906. *Augsburg: Lampart & Co.*, 1907. vi, 235 p., 2 maps. 4°.

Heldring (Otto Gerhard). De Anna-Paulowna-Polder. Een blik op het gebied der binnenlandsche kolonisatie in betrekking tot de armoede en nationale welvaart. *Amsterdam: G. J. A. Beijerinck*, 1847. 2 p.l., 50 p., 1 map. 8°.

Helm (Edwin G.) The levee and drainage problem of the American bottoms. 1 pl. (Jour. Assoc. of Engineering Soc. v. 35, pp. 91–116. *Boston*, 1905.)

History (The), or, Narrative of the great level of the Fenns, called Bedford Level. With a large map of the said level, as drained, surveyed, and described by Sir Jonas Moore. *London: M. Pitt*, 1685. 2 p.l., 81 p. 16°.
Map is missing.

Hoe staat het toch met de droogmaking van het zuidelijk gedeelte der Zuiderzee? Beknopte beantwoording dezer vraag, geput uit de gedrukte officieele bescheiden. *'s Gravenhage: J. & H. van Langenhuysen*, 1874. 42 p., 1 map. 8°.

[**Holthe** tot Echten (A. W. van).] Ontwerp tot oprigting eener kanaalmaatschappij, tot verbinding van de Zuiderzee met de Eems, in verband met veenaanleg en onder medewerking der provincie Drenthe. [By A. W. van Holthe tot Echten.] *Assen: the author*, 1848. 28 p. 8°.

Huet (Adriaan). Stoombemaling van polders en boezems. Mit een Atlas van 25 platen. *'S-Gravenhage: Gebr. van Cleef*, 1885. 2 v. 8°, f°.

Iets, ten betooge van het wenschelijke eener algeheele herziening van het reglement van administratie, voor den polder van Walcheren. *Middelburg: A. J. de Wilde*, 1848. 12 p. 2. ed. 8°.

Indijking (De) en droogmaking van de Zuiderzee en Het Y, met kanalen van af den Yssel by Arnhem, langs Amsterdam tot in de Nordzee; voorgesteld en aangeprezen als een krachtig middel tot verheffing van handel, scheepvaart en landbouw in Nederland. *Amsterdam: G. M. P. Londonck*, 1848. 1 p.l., vi, iv, 5–157 p. 8°.

Johnstone (John). A systematic treatise on the theory and practice of draining land, &c.... adapted to the...situations and soils of England and Scotland...with an apx. containing...directions for the culture of moss, moor, and other unproductive ground...*Edinburgh: University Press*, 1834. xii, 250 p., 24 pl. sq. 4°.

—— Sketch of chap. xii, sect. 11 of the general report of Scotland on draining. *Edinburgh: Abernethy & Walker*, 1812. vi, 91 p., 15 maps. 8°. (Scotland. Board of Agriculture.)

—— —— Another copy. 17 maps.

Jones (Lloyd Z.) Farm drainage. (Illinois Soc. of Engineers & Surveyors. 18th Ann. Rept. 1903, pp. 19–29. *Chicago*, 1903.)

King (F. H.) Observations and experiments on the fluctuations in the level and rate of movement of ground-water on the Wisconsin Agricultural Experiment Station farm and at Whitewater, Wisconsin. *Washington: Weather Bureau*, 1892. 75 p., 6 charts. 8°. (U. S. Wea. Bur. bull. 5.)

Kommers (A.) De ontworpene kanalisatie van Drenthe uit het ware oogpunt bechouwd en in hare waarde geschetst. *Groningen: J. Pomkens*, 1847. 95 p. 8°.
Map missing.

Le Baron (J. Francis). The reclamation of river deltas and salt marshes. (Amer. Soc. Civil Engineers. Proc. Papers, &c. (Monthly issue) v. 30, pp. 800–830. *New York*, 1904.)

Le Clerc (J. M. L.) Traité de drainage, ou Essai théorique et pratique sur l'assainissement des terres humides. *Bruxelles*, 1853. 12°. (Bibliothèque rurale. 2. ser., no. 8.)

—— Traité de drainage, en Lettres sur l'assainissement des terrains humides. *Bruxelles: A. Jamar* [1850?]. 12°. (Encyclopédie populaire.)

Drainage, cont'd.

—— Notice sur le drainage des terres. (In: STEPHENS, H. Manuel pratique. 1852.)

Louque (Charles). Draining the city [of New Orleans]... a comprehensive statement of his reasons for favoring the plan adopted by [the City Council]. [*New Orleans*, 1896.] 8 pp. 4°.

Massachusetts.—*Back Bay Lands Committee.* Report of the committee appointed... 1856, in relation to lands in the Back Bay, with accompanying documents, also the 5. annual report of the Commissioners on the Back Bay, Jan. 21, 1857. *Boston: State Prtr.*, 1857. 52 p., 2 maps. 8°. (Senate doc. 17.)

—— *Cancord and Sudbury River Commission.* Report of the experiments and observations on the Concord and Sudbury Rivers, in the year 1861. *Boston: W. White, state prtr.*, 1862. clxxiv, 55 p., 2 plans. pap. 8°.

—— *Drainage Commission.* Report of a Commission appointed to consider a general system of drainage for the valleys of Mystic, Blackstone, and Charles rivers, Massachusetts, U. S. A. *Boston: Wright & Potter, Prtg. Co., State Printers*, 1886. lxxxiv, 243 p., 22 maps, 6 pl. 8°.

—— *Flats and Water Areas, Committee on.* Report relative to the flats and water areas of the commonwealth, by the committee under the order of the House of Representatives, June 17, 1869. *Boston: Wright & Potter, state prtrs.*, 1870. 82 p., 1 plan. pap. 8°.

Mathew (Amos). Report... to the surveyor-general in relation to outlet for the flood-waters of the Sacramento Valley. Mar. 17. [*Sacramento: D. W. Gelwicks, state prtr.*, 1868.] 4 p. 8°. (Calif. Surveyor Genl's Office. App. Sen. & Ass. Jols., 17. sess. v. 3. [doc. 20.])

Mechi (John Joseph). Mechi's Experience in drainage: to which are added his letters, 17–20; likewise his Speech on the general subject of Agriculture, dellvered to the Wickham-market Farmer's Club, Nov., 2. 1846. *London: Longman, Brown*, 1847. vi, 48 p. 8°.

Michigan.—*State Department.* Laws of the State of Michigan relating to highways, bridges, and drainage... *Lansing: State Prtrs.*, 1875. 126 p. 8°.

Monteath (R.) New and easy system of draining and reclaiming the bogs and marshes of Ireland, with plans for improving waste lands in general. Also an equitable method of valuing woods, plantations, and timber trees. *London*, 1829. 8°.

N. (N.) A narrative of all the proceedings in the draining of the Great Level of the fens extending into the counties of Northampton, Lincoln... *London: the Author*, 1661. (In: An English garner. [v. 6] Social England. Westminster, 1903. 8°. pp. 407–414.)

Nederlandsche Maatschappij voor Grond-Krediet. Droogmaking van het zuidelijk gedeelte der Zuiderzee. Verzameling van officieele bescheiden. [v. 1]–2. *S'Gravenhage*, 1868–1870. f°.

Newark Board of Trade. Report of special committee on drainage of meadows lying north of Lister ditch, March 14, 1888. [*Newark*, 1888.] 6 p., 1 map. 8°.

New Hampshire.—*Waters of New Hampshire Lakes and Ponds Commissioner.* Report of Commissioner in relation to the effects of drawing off the waters of New Hampshire lakes and ponds to supply mills. *n. p.* [1885?] 17 p. 8°.

New York (State).—*Cayuga Marshes, Committee on Draining of.* Report of the committee relative to the draining Cayuga marshes. Feb. 17, 1853. *n. t.-p.* [*Albany*, 1853?] 34 p. 8°. (Senate, no. 53.)

—— *Tonawanda Swamp, Committee on Draining of.* Report of the select committee on petitions for the draining of Tonawanda Swamp. Mar. 28, 1855. *n. t.-p.* [*Albany: C. Van Benthuysen, prtr.*, 1855.] 12 p. 1 map. 8°. (Assembly, no. 120.)

Nicolai (N. M.) De' bonificamenti delle terre pontine. Opera storica, critica, legale, economica, idrostatica con piante topografiche, profili, etc. *Roma*, 1800. f°.

Nierop (A. S. van). Het herstel der Kanaal-Maatschappij. Brief aan den Heer S. W. Jos. Jitta... *Amsterdam: K. H. Schadd*, 1868. 20 p. 8°.

North Carolina.—*Matamuskeet Lake Drainage Commissioners, Office of.* Report [to the general assembly]. *n. t.-p.* [*Raleigh*, 1838.] 3 p. 12°.

Octroy, by de... Staten van Hollandt ende West-Vriesland verleent aen de...burgermeesteren ende regeerders der steden Gouda ende Rotterdam, tot het uyt-malen ende droog-maken van de plassen, gelegen aen de zuydt-zyde van de Dorre-kade, in de ambachten van Sevenhuysen, Zuydt Waddincxsveen, Moordregt ende Nieuwerkerk, &c. In dato den 30. Julii 1700. *'s Graven-hage: J. & P. Scheltus*, 1700. 14 p. 4°.

Parkes (Josiah). Essays [two] on the philosophy and art of land-drainage. *London: Longman, Brown*, 1848. vi, il., 3–82 p. 8°.

—— Fallacies on land-drainage exposed. A refutation of a letter by Lord Wharncliffe to Philip Pusey... published in the Journal of the Royal Agricultural Society of England, vol. XII. Part I., 1851. *London: Longman Brown*, 1851. 16 p., 1 plan. 8°.

—— Work on draining; with observations upon it by the Duke of Portland. *Worksop: S. Sissons*, 1847. 1 p.l., 44 p. 8°

Plan tot droogmaking van de Legmeerplassen, waartoe by Zyner Majesteits besluit van den 2. April 1854 No. 50, concessie is verleend aan: J. P. Mahlstede [and others]... *Uithoon: de concessionarissen*, 1854. 17 p., 1 map. 8°.

Poumarede (J. A.) Nouveau moyen de prévenir les inondations de la ville et la vallée de Mexico, et de faire en partie disparaître les causes d'insalubrité qu'elles présentent l'une et l'autre. *Mexico: I. Cumplido*, 1860. 167 p., 3 pl. 16°.

French and Spanish.

Prony (G. C. F. M. R. de). Description hydrographique et historique des Marais Pontins, relief du sol, cadastre, détails intérieurs, etc., analyse raisonnée des principaux projets proposées pour leur desséchement, avec l'exposition des principes, fondes sur la théorie et l'expérience, qui ont servi

Drainage, cont'd.

de base à ces projets; red. d'après les renseignements rec. sur les lieux. *Paris*, 1822. Text 4°, Atlas f°.

Quack (H. P. G.) De doorgraving von Holland op zyn smalst. Een laatste woord. *Amsterdam: P. V. van Kampsen*, 1862. 2 pl., 61 p. 8°.

Reed (Lyman C.) The electric drainage of New Orleans. 1 pl. (Electr. World and Engineer. v. 34, pp. 771–775. *New York*, 1899.)

Reeve (J. T.) Land drainage and obstruction to water courses. [*Madison, Wis.: D. Atwood*, 1879.] 23 p. 8°.

Repr.: Third Annual Rep. State Board of Health of Wisconsin.

Rossi (Luca). Le bonifiche nella provincia di Siracusa. (Annali d. soc. d. ingegneri e. d. architetti ital. Mem. tecnol. e scientif. anno 19, pp. 29–101. *Roma*, 1904.)

Rowell (G. A.) On the drainage works of Oxford and the local collection of antiquities in the Ashmolean Museum. *n. t.-p.* [*Oxford*, 1873.] 16°.

Roxbury (Mass.)—*Mayor*. Message in relation to the Back Bay lands, January 19, 1857. *Roxbury: Norfolk County Journal Press*, 1857. 8 p. 8°.

Ruiz de Velasco Felipe. Breve relacion sobre el drenaje segun se practica en la hacienda Zacatepec, ubicada en el estada de Morelos. *Mexico: Oficina Tip. de la Sec. Fomento*, 1885. 12 p., 1 plan. 8°.

Shaw (A. M.) The Inlet Swamp drainage district in Illinois. (Engineering News. v. 53, pp. 89–90. *New York*, 1905.)

Slade (James). Report on the drainage of the city of Manchester, with the grades of the streets. *Manchester: C. F. Livingston, prtr.*, 1863. 20 p. 8°. (Manchester, N. H., City Council.)

Souder (Harrison). The drainage and protection of the Philadelphia lowlands. 3 pl. (Proc. Engineers' Club of Phila. v. 17, pp. 109–123. *Philadelphia*, 1900.)

Stearns (Justus S.) Laws relating to construction of drains...*Lansing: R. Smith Prtg. Co., state prtrs.*, 1900. 136 p. pap. 8°. (Michigan. State Dept.)

—— Michigan drain laws of 1901. Supplement to the 1899 compilation. *n. t.-p.* 7 p. 8°.

Stephens (H.) Manuel pratique de drainage trad. de l'Anglais par D'Omalius. *Bruxelles*, 1852. 12°. (Bibliothèque rurale, 1re ser., no 6.)

Steuerwald (E.), *and* C. M. Schols. Polders. *'s Gravenhage: Gebr. van Cleef*, 1883. 68 p. 8°. (Waterbouwkunde. Deel 10, Afd. 1.)

Tartini (F.) Memorie sul bonificamento delle maremme Toscane. *Firenze*, 1838. 27 plates. f°.

—— —— *Firenze*, 1838. Without the plates. 8°.

—— —— Notomizzato da Gräberg da Hemsö. *Firenze*, 1839. 8°.

Ten Eyck (A. M), *and others*. Treatment and utilization of flood-damaged lands. By A. M. Ten Eyck, H. F. Roberts, and A. Dickens. *Manhattan*, 1904. 131–162 p. 8°. (Kansas Agric. Exper. Station. Bull. 121.)

Theard (Alfred Francis). Progress of drainage in New Orleans. 1 plan. (Jour. Assoc. of Engineering Soc. v. 24, pp. 62–72. *Philadelphia*, 1900.)

Thomson (Gilbert). On a suggested standard for drain testing. (Roy. Scottish soc. of arts. Trans. v. 15, pp. 16–28. *Edinburgh*, 1899.)

Tyndale (W. C.) Drain testing. (Jour. Sanitary Inst. v. 24, pp. 15–19. *London*, 1903.)

Underwood (William Lyman). On the drainage, reclamation and sanitary improvement of certain marsh lands in the immediate vicinity of Boston. Illus. maps. (Technology quarterly. v. 14, pp. 50–73. *Boston*, 1901.)

On the proposed improvement of the Fresh Pond marshes.

Van Winkle (E. B.) Report on the drainage of the twenty-third and twenty-fourth wards, March 2, 1881, *n. t.-p.* [*New York*, 1881?] 60 p., 1 col'd map. 8°. (N. Y. City. Parks Dept. Bd. Aldermen, Doc. 88, 1881.)

Vermeule (C. C.) Drainage of the Hackensack and Newark tide-marshes. (In: New Jersey. Geological Survey. Annual report of Geologist for 1896. *Trenton*, 1897. 8°. pp. 287–317.)

—— —— (In: Ann. report of Geologist for 1897. *Trenton*, 1898. 8°. pp. 297–315.)

Vogt (Anton). Hints on farm drainage. The proper methods and results of draining land. *n. t.-p.* [*Chicago: Windsor & Kenfield Pub. Co.*, 1900?] 22 p., 1 l. 8°.

Walker (J. B.) An address upon land drainage...*Nashua: Moore & Langley*, 1871. 16 p. 8°. (In his: A collection of addresses. v. 1.)

Walker (Robert J.) Letter and legal opinion as to the swamp land act of New York, estimated value of reclaimed lands, relative progress of London and New York; transfer of the control of the world's commerce from London to New York. *New York*, 1869. 46 p. 8°.

Walker (William Stuart). The drainage act. An analysis and exposition of the Act 9 and 10 Victoria, Cap. 101. With an appendix, containing the act, and official forms and documents. *London: W. Blackwood & Sons*, 1847. iv, 92 p. 8°.

The act is prefixed, not in the appendix.

Waring (G. E.) Draining for profit and draining for health. *New York* [c. 1867]. il. pl. 12°.

—— Sewerage and land-drainage. *New York*, 1889. f°.

Watté (John). Report of W., for the better drainage of the south and middle levels of the fens, and other lands bordering upon each side of the river Ouse...[*London?* 1791.] pl. 4°.

Wells (S.) History of the drainage of the Great Level of the Fens called Bedford Level. *London*, 1830. 2 v. 8°.

White (Thomas J.) Report in relation to the drainage of Chouteau's Pond. *St. Louis: Chambers & Knapp*, 1847. 15 p. 8°.

Wilcke ( ). Die Linie des grössten Gefälles. (Ztschr. f. Vermessungswesen. v. 30, pp. 629–635. *Stuttgart*, 1901.)

Williams (Edward Leader). On land drainage and irrigation, and on the application of drainage water as a motive power to machinery for agricultural purposes. *London: J. Ridgway*, 1849. 42 p. 8°.

Drainage, cont'd.

Wright (Willis B.) Drainage of the valley and city of Mexico. (Jour. Assoc. of Engineering Soc. v. 24, pp. 256–263. *Philadelphia*, 1900.)

DREDGES.

Apjohn (James Henry). Dredging, with special reference to rotary cutters. (Engineering. v. 75, pp. 833. *London*, 1903.)

Babcock (Henry N.) Experience with the U. S. dredges "Manhattan" and "Atlantic," employed upon Ambrose channel, New York harbor. (Engineering News. v. 56, pp. 306–309. *New York*, 1906.)

Baltimore Water Works: plan and section of Loch Raven showing mud deposits and progress of dredging. (Engineering Rec. v. 49, pp. 288–290. *New York*, 1904.)

Baril (A.) Les dragues. (Rev. de mécanique. v. 12, pp. 112–124; 243–258; v. 17, pp. 105–122; v. 20, pp. 239–261. *Paris*, 1903–07.)

Bayfield (H. A.) The dredging fleet of Montreal harbour. [Discussion.] (Transac. Canadian Soc. of Civil Engineers. v. 18, pt. 1, pp. 37–54. *Montreal*, 1905.)

Bodin ( ). Note sur les dragages effectués au port de Calais de 1896 à 1903. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 16, pp. 118–134. *Paris*, 1904.)

Bogart (John). The cost of dredging with different classes of plant. (Engineering Rec. v. 46, pp. 247–249. *New York*, 1902.)

Catt (G. W.) Dredging by the hydraulic method. [*Des Moines?*] 1905. 13 p. illus. 8°. (Iowa State College. Engineering Experiment Station. Bull. no. 10.)

Repr.: Iowa Engineer. v. 4, no. 4.

China.—*Statistical Department.* Woosung bar: dredging operations. *Shanghai*, 1890. 2 p.l., 26 p., 3 plans. 4°. (Special series, no. 15.)

Clark (E. G.) Dredging the approaches to ports on Lake Titicaca, Peru. *London: Inst. Civ. Eng.*, 1896. 6 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 125, pt. 3.

Cullen (E. A.) The removal of the Lytton rocks, Brisbane river. *London: Inst. Civ. Eng.*, 1900. 7 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 142, pt. 4.

Cunningham (Brysson). Dredging and dredging appliances. (Cassier's Maga. v. 29, pp. 58–71, 132–151. *New York*, 1905.)

Davis (Washington). Hydraulic dredger: a peculiar case. (Overland Monthly. v. 44, pp. 588–597. *San Francisco*, 1904.)

Difficult dredging. (Engineering Rec. v. 41, pp. 38. *New York*, 1900.)

Diggelen (B. P. G. van). Voorlezing bevattende eenige beschouwingen betrekkelijk den physieken toestand der lage bodems in ons vaderland uitgesproken in de vergadering der Overijsselsche Vereeniging tot ontwikkeling van provinciale welvaart, op den 22 Februarij 1843. *Zwolle*, 1843. 8°.

Donovan (Richard J.) Sand dredging for commercial purposes. (Engineering Rec. v. 55, pp. 21–23. *New York*, 1907.)

Dredging machine for the French government. 1 diag. (Engineering. *London*, 1898. f°. v. 66, pp. 711 and 713.)

Fowler (A. F.) Dredging on the river Ribble. [With appendices and discussion.] (Liverpool Engineering Soc. Transac. sess. 20, v. 22, pp. 11–30. *Liverpool*, 1901.)

Gerra (Giovanni Domenico). Descrizione d'un modello di macchina detto il compasso, per iscavare fango e arena dai porti. *Genova*, 1773. pl. 8°.

Hersent (Jean). Dredges: their construction and performance. Review of general practice. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Cong., 1904.) v. 54, pt. C., pp. 327–334. *New York*, 1905.)

Hess (August). Fortschritte im Meliorationswesen. *Leipzig: W. Engelmann*, 1892. 2 p.l., 70 p., 2 pl. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe. Hft. 1.)

Bibliography on pp. 57–70.

Hodgman (Harry). A description of the plant and of the methods employed in the deepening of the channels of the Great Lakes and their connecting waters. (Mich. Engineer. 1903, pp. 111–123. *Battle Creek*, 1903.)

Kobayaski (T.) Crane and ladder dredges. 4 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Cong., 1904.) v. 54, pt. C., pp. 335–389. *New York*, 1905.)

Kretz (F.) Bauliche und maschinelle Mittel zur Herstellung einer Schifffahrts-Strasse auf dem Ober-Rhein und sonstigen Geschiebe führenden Flüssen mit Bezugnahme auf den Kret'schen Patent-Spüllbagger. *Karlsruhe: W. Jahraus*, 1897. 24 p., 2 pl. 8°.

Low (Emile). The cost of deep water dredging with a clam shell dredge for the Stony Point extension of the Buffalo, N.Y., breakwater. (Engineering News. v. 56, pp. 375. *New York*, 1906.)

Lyster (A. G.) Sand pump dredgers. (Engineer. v. 87, p. 584. *London*, 1899.)

Machinery of the new United States harbor dredge Key West. (Marine Engineering. v. 9, pp. 573–576. *New York*, 1904.)

Maltby (F. B.) Hydraulic dredging on the Mississippi River. 1 pl. (Amer. Soc. Civil Engineers Transac. (Internat. Engineering Congr., 1904), v. 54, pt. C., pp. 392–478. *New York*, 1905.)

—— Experiences in the operation and repair of the hydraulic dredges on the Mississippi river. 1 pl. (Jour. Assoc. of Engineering Soc. v. 24, pp. 299–310. *Philadelphia*, 1900.)

Masse (R.) Les dragues. (Rev. de mécanique. v. 7, pp. 149–162. *Paris*, 1900.)

Maximoff (S. P.) A desirable method of dredging channels through river bars. [With discussion.] 1 map. 4 pl. (Amer. Soc. Civil Engineers. Transac. v. 52, pp. 215–261. *New York*, 1904.)

Michaelsson (Florencio). Conservación de la profundidad en canales dragados en el limo... leída...en el congreso cientifico Latino-Americano...en Buenos Aires del 10 al 20 de Abril de 1898. *Montevideo: La Razón*, 1898. 16 pp., 1 pl. 8°.

Dredges, cont'd.

Miller (J. H.) Dredging on the Pacific Coast ...*San Francisco*, 1892. 29 pp., 8 pl. ob. 16°.

Mississippi River Commission. Reports on efficiency tests of hydraulic dredges...*n. p.*, n. d. [*St. Louis: Miss. River Comm. Print*, 1903.] 1 p.l. 135–174 pp., 49 diagr. 8°.

Extr.: Ann. rpt. Miss. Riv. Comm. 1903. pp. 136–167; and records of later tests.

New (The) 30-in. hydraulic dredge for the port of Portland, Oregon. 1 pl. (Engineering News. v. 49, pp. 382–384. *New York*, 1903.)

Newman (Alfred K.) On Maori dredges (Roukakahi and Hao.) 2 pl. (Transac. & Proc. New Zealand Inst. v. 37, (n. s. v. 20.), pp. 138–144. *Wellington, N. Z.*, 1908.)

Ockerson (J. A.) Dredges and dredging of the Mississippi river. 12 pl. (Amer. Soc. of Civil Engineers Transac. v. 40, pp. 215–310. *New York*, 1898.)

[**Parville** (Henri de).] Rapport sur le nouveau procédé de dragage, curage et assainissement des ports de MM. Vergniais et Chéron. [Signed H. de Parville.] *Paris: C. Schiller*, 1867. 1 p.l., 50 p. 8°.

Perkins (Frank C.) Modern American and European dredges. (Tech. World. v. 3, pp. 475–480. *Chicago*, 1905.)

Porteurs à vapeur, porteurs-dragues à succion, dragues à godets. (La rev. technique, annales d. trav. public et d. chemins de fer et de l'automobilisme. *Paris*, 1898. f°. v. 19, pp. 433–436.)

Putnam (James R.) J. R. Putnam's plan for removing bars at the mouth of the Mississippi river and other harbours on the American coast and interior. With a full description of his patent ploughing and dredging machine, invented by him for that purpose. *New Orleans: Bulletin Office*, 1841. 22 p., 2 pl. 8°.

Raising the grade of Galveston. Description of a unique hydraulic dredging and filling work. (Engineering Rec. v. 51, pp. 284–285. *New York*, 1905.)

Robinson (A. W.) The hydraulic dredge "J. Israel Tarte." [Discussion.] 4 pl. (Transac. Canadian Soc. of Civil Engineers. v. 18, pt. 1, pp. 140–160. *Montreal*, 1905.)

—— Hydraulic dredge "King Edward VII." 6 pl. (Transac. Canadian Soc. of Civil Engineers. v. 17, pp. 125–133. *Montreal*, 1903.)

—— Available types of specialized dredging plant. (Engineering Maga. v. 39, pp. 161–168. *New York*, 1905.)

—— Dredges: their construction and performance. Review of general practice. 10 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Cong., 1904), v. 54, pt. C., pp. 271–301. *New York*, 1905.)

Rossi (Luca). La bonificazione dei pantani Celsari e Lentini in provincia di Siracusa. 3 pl. (Giornale d. genio civile. anno 39, pp. 437–476. *Roma*, 1901.)

Sanford (J. C.) Dredging ocean bars. 9 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr., 1904.), v. 54, pt. C., pp. 303–326. *New York*, 1905.)

Self-propelling hydraulic dredge for the Mississippi river. 1 pl. (Engineering News. v. 43, pp. 355–367. *New York*, 1900.)

Ten-yard clam-shell dredge for the Buffalo, N. Y., breakwater construction. 1 pl. (Engineering News & Amer. Railway Jour. *New York*. 1899. 8°. v. 41, p. 66.)

Wels (R.) Neuere Baggerkonstruktionen. (Ztschr. d. Vereines deutsch Ingen. v. 46, pp. 405–411; 442–448. *Berlin*, 1902.)

Wender ( ). Note sur une drague à pétrole pour dragages d'entretien. (Annales d. ponts et chaussées. pt. 1, partie tech. ser 8. 1901, trimestre 1, pp. 275–286. *Paris*, 1901.)

Bates system.

American electrical dredges on the Volga river, Russia. (Electr. World & Engineer. v. 34, pp. 317–521. *New York*, 1899.)

The **Bates** dredge for Calcutta. (Engineering Rec. v. 41, pp. 545–546. *New York*, 1900.)

The **Bates** system of hydraulic dredging. (Engineers' Gaz. v. 14, p. 37. *London*, 1900.)

Description of the elements of the system of hydraulic dredging as invented, designed and built by Lindon W. Bates. [*London*, 1901.] 48 p. f°.

Holloway (W. R.) An American dredge in Russia. (Amer. Machinist. v. 23, pp. 199–200. *New York*, 1900.)

Hydraulic dredger (Bates system) for the Russian government. Constructed by the Société John Cockerill engineers, Liége. 1 pl. (Engineering. v. 68, pp. 754–756; 820, 823–826. *London*, 1899.)

Hydraulic dredger for Calcutta. (Engineer. v. 89, pp. 668–669. *London*, 1900.)

Lincoln (George F.) New Russian dredge. (Consular Reports. v. 61, pp. 543–553. *Washington*, 1899.)

Pumpenbagger für die Wolga. (Batessche Bauart.) 1 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 50, col. 199–206. *Berlin*, 1900.)

Queensland.—*Lindon Bates Dredges, Board of Inquiry.* Report of the board of inquiry (appointed under executive minute, dated 7th February, 1902) to "inquire into and report...on the Lindon Bates dredges recently acquired by the government of this state"; together with the minutes of proceedings, minutes of evidence...and appendices...*Brisbane: G.A. Vaughan, govt. prtr.*, 1902. xlii, 180, 183–231 p., 1 diag., 1 map, 7 plans. f°.

Bucket Dredges.

Hunter (Sidney Herbert). Some bucket-ladder dredgers. (Inst. of Civil Engineers. Min. of Proc. v. 151, pp. 301–309. *London*, 1903.)

Latest bucket dredgers constructed by Russian works. Rapport par M. A. N. Bormann. *Hamburg: Impr. Typ. Schröder & Jeve*, 1905. 24 p., 12 pl. 8°. (X. Internat. Congress on Navigation. Sect. 1, Com. 6.)

Riva-Berni (A. de). Drague marine à godets pour le port de Tsingtau (Chine). (Génie civil. année 22, v. 41, pp. 101–103. *Paris*, 1902.)

Dredges, cont'd.

Schromm (A.) Eimerbagger zu 1,000 P S für den Hafen von Wladiwostok. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 51, pp. 573–575. *Wien*, 1899.)

Deep Sea Dredges.

Agassiz (Alexander Emmanuel Rudolph). Letter to C. P. Patterson, supt. U. S. Coast Survey, on the dredging operations of the U. S. str. "Blake." [4 nos.] (Harv. Coll. Mus. Comp. Zoöl. Bull., v. 5. 1878–79. nos. 1, 6, 14; v. 6. 1879–80. no. 8.) maps and pl.

Corthell (E. L.) European sea-going dredges and deep-water dredging. (The Engineering Maga. *New York*, 1898. v. 15, pp. 9–27; 220–232. 8°.)

Great sea-going dredges on the Mersey Bar, Liverpool. (Scientif. Amer. *New York*, 1898. v. 79, pp. 133–134. f°.)

Kleinrath (E.) Seetüchtiger Eimerbagger "Hephaestos" mit schwimmender Rohrleitung. (Ztschr. d. Vereines deut. Ingen. v. 46, pp. 552–557. *Berlin*, 1902.)

Pourtales (L. F. de). Directions for dredging. (Harvard Coll. Mus. Comp. Zoöl. Bull., v. 2. 1870–71. no. 4.)

Sea-going hydraulic dredges for the east channel improvement, New York harbor. (Engineering News. v. 45, pp. 118–119. *New York*, 1901.)

Sigsbee (Charles D.) Deep sea sounding and dredging. A description and discussion of the methods and appliances used on board the Coast and Geodetic Survey Steamer "Blake." *Washington: Govt. Prtg. Off.*, 1880. 221 p., 2 diagr., 43 pl., 4 tab. f°. (United States. Coast and Geodetic Survey.)

Thomson (Charles Wyville). The depths of the sea. An account of the general results of the dredging cruises of H.M. SS. "Porcupine" and "Lightning" during the summers of 1868, 1869 and 1870, under the scientific direction of Dr. Carpenter, J. Gwyn Jeffreys, and Dr. Wyville Thomson. *London: Macmillan & Co.*, 1874. xx, 2 l., 528 p., 7 maps, 1 pl. 2. ed. 8°.

Willey (Day Allen). New sea-going dredges. (Scientif. Amer. Suppl. v. 60, pp. 24797–24798. *New York*, 1905.)

Dipper Dredges.

Largest (The) dipper dredges ever built. 1 pl. (Engineering News and American Railway Jour. v. 42, pp. 19–21. *New York*, 1899.)

6-cu. yd. (A) dipper dredge for use on the Great lakes. (Engineering News. v. 43, pp. 138. *New York*, 1900.)

Six-yard dipper dredge. Constructed by the Bucyrus company, South Milwaukee, Wisconsin, U. S. A. (Engineering. v. 69, pp. 595. *London*, 1900.)

Hopper Dredges.

Hopper dredger "La Puissante." (Engineer. v. 90, pp. 230–232. *London*, 1900.)

Hydraulic hopper dredges for harbor improvement work at New York. (Marine Engineering. v. 6, pp. 218–221. *New York*, 1901.)

Suction Dredges.

B. (D.) La drague porteuse à succion "Coronation." illus. (Génie civil. v. 49, pp. 373–375. *Paris*, 1906.)

Buchholz (Hugo). Doppelschrauben-Saugebagger "Galvestone." illus., 1 pl. (Schiffbau. Jahrg. 7, pp. 369–375. *Berlin*, 1906.)

Combined bucket and suction dredge constructed for the government of Uruguay. (Marine Engineering. v. 9, pp. 495–497. *New York*, 1904.)

D. (Ch.) Drague marine porteuse à succion et à refoulement des établissements L. Smit et Zoon. 1 pl. (Génie civil. v. 40, pp. 153–155. *Paris*, 1902.)

Dantin (Ch.) Drague marine porteuse à godets et à succion du port de Montevideo. 1 pl. (Génie civil. v. 43, pp. 49–51. *Paris*, 1903.)

Jondet (Gaston). Note sur le fonctionnement pratique des dragues à succion. Dragages dans l'estuaire de la Seine. (Rev. tech. année 26, pp. 545–555. *Paris*, 1905.)

—— Note sur la fonctionnement pratique des dragues à succion. Dragages dans l'estuaire de la Seine. (Travaux publics. année 52, pp. 81–91. *Paris*, 1905.)

Loubat (Jean). Nouvelle drague aspiratrice porteuse. (Rev. tech. v. 23, pp. 81–83. *Paris*, 1902.)

Lyster (Anthony G.) Note sur quelques améliorations apportées aux dragues aspiratrices employées à la Mersey. (Annales des travaux publics de Belgique. *Bruxelles*, 1898. Ser. 2, v. 3, pp. 784A–748F. 8°.)

Sekutowicz (L.) Les dragages par succion dans l'estuaire de la Seine. 1 pl. (Génie civil. v. 42, pp. 241–244. *Paris*, 1903.)

Suction dredge for harbor at Sabine Pass. (Marine Engineering. v. 6, pp. 410–415. *Lancaster, Pa.*, 1901.)

(*Concluded in December.*)

PRINCIPAL ACCESSIONS IN OCTOBER.

BIBLIOGRAPHY.

Bury (Richard Aungerville de), *Bishop of Durham.* The love of books. Being the Philobiblon of Richard de Bury, bishop of Durham. With a foreword by George Ambrose Burton. *St. Louis, Mo.: B. Herder* [1907]. 2 p.l., xxi, 148 p., 1 pl. 16°. (The "Past and Present" Library.)

Cour (Auguste). Catalogue des manuscrits Arabes conservés dans les principales bibliothèques algériennes. Publié par ordre de M. le Gouverneur Général de l'Algèrie. *Alger: A. Jourdan*, 1907. 4°.

Hyde (James). A bibliography of the works of Emanuel Swedenborg, original and translated. *London: The Swedenborg Soc.*, 1906. xvi, 2 l., (1) 4–742 p., 1 l. 4°.

Schottenloher (Karl). Die Buchdruckertätigkeit Georg Erlingers in Bamberg von 1522 bis 1541 (1543). Ein Beitrag zur Geschichte der Reformationszeit. *Leipzig: R. Haupt*, 1907. xxiv, 220 p. 8°. (Samml. bibliothekswissenschaftlicher Arbeiten. Hft. 21.)

BIOGRAPHY.

HARVARD (John). John Harvard and his times. By Henry C. Shelley. *Boston: Little, Brown & Co.*, 1907. xiv, 331 p., 4 fac-sim., 1 plan, 13 pl., 8 port. 8°.

HENRY (Patrick). The true Patrick Henry. By George Morgan. *Philadelphia: J. B. Lippincott Co.*, 1907. xl, 1 l., 9–492 p., 5 fac-sim., 11 pl., 8 port. 8°.

HIGGINSON (Stephen). Life and times of Stephen Higginson, member of the Continental Congress (1783) and author of the "Laco" letters, relating to John Hancock (1789). By Thomas Wentworth Higginson. *Boston: Houghton, Mifflin & Co.*, 1907. vii (1), 305 p., 1 l., 6 fac-sim., 3 pl., 8 port. 12°.

KLEIST (Heinrich von). Heinrich von Klelst. Von Hubert Roetteken. *Leipzig: Quelle & Mayer*, 1907. iv, 148 p., 1 port. 12° (Wissenschaft und Bildung. 22.)

LAFAYETTE (Mme. de). Madame de Lafayette and her family. By M. MacDermott Crawford. *New York: J. Pott & Co.*, 1907. ix, 358 p., 1 facsim., 4 pl., 7 port. 8°.

LINCOLN in the telegraph office. Recollections of the United States Military Telegraph Corps during the Civil War. By David Homer Bates. *New York: Century Co.*, 1907. viii, 432 p., 1 pl. illus. 8°.

MCLOUGHLIN (John). Dr. John McLoughlin, the father of Oregon. By Frederick V. Holman. *Cleveland: The A. H. Clark Co.*, 1907. 3 p.l. (1) 10–301 p., 1 port. 8°.

SELLAR ([Mrs.] E[leanor] M[ary] [Dennistown]). Recollections and impressions. *Edinburgh: W. Blackwood & Sons*, 1907. xii, 1 l., 335 p., 2 pl., 7 port. 4. ed. 8°.

WEDGWOOD (Josiah). Josiah Wedgwood, masterpotter. By A. H. Church. *New York: E. P. Dutton & Co.*, 1908. xii, 13–219 (1) p., 1 pl. New & rev. ed. 16°.

AMERICA.

Bancroft (Hubert Howe). Some cities and San Francisco, and Resurgam. *New York: The Bancroft Co.*, 1907. 2 p.l., 64 p. 12°.

Blackburn (E. Howard), *and* W. H. WELFLEY. History of Bedford and Somerset counties, Pennsylvania. With genealogical and personal history. Bedford County by E. Howard Blackburn, Somerset County by William H. Welfley. Under the editorial supervision of Hon. William H. Koontz. *New York: The Lewis Pub. Co.*, 1906. 3 v. 4°.

Conant (Edward). The geography, history, constitution and civil government of Vermont. Also constitution and government of the U. S. Published...to comply with the state laws...Revised and enlarged by Mason S. Stone. *Rutland, Vt.: Tuttle Co.*, 1907. iv, 445 p. illus. 5. ed. 12°.

Craig (Neville B.) Recollections of an ill-fated expedition to the headwaters of the Madeira River in Brazil. By N. B. Craig in coöperation with members of the Madeira and Mamoré Association of Philadelphia. *Philadelphia: J. B. Lippincott Co.*, 1907. 2 p.l., 3–479 p., 4 maps, 18 plans, 18 pl., 9 port. 8°.

Hale (Albert). The South Americans. The story of the South American republics, their characteristics, progress and tendencies, with special reference to their commercial relations with the United States. *Indianapolis: The Bobbs-Merrill Co.* [1907] 8 p.l., 361 p., 3 maps, 24 pl. 8°.

Hodges (George). Holderness; an account of the beginnings of a New Hampshire town. *Boston: Houghton, Mifflin & Co.*, 1907. xvi, 102 p., 1 l., 3 maps, 4 plans, 7 pl., 2 port. 12°.

Kirk (Charles H.) History of the Fifteenth Pennsylvania Volunteer cavalry which was recruited and known as the Anderson Cavalry in the Rebellion of 1861–1865. Edited and compiled by Charles H. Kirk. *Philadelphia*, 1906. 784 p., 1 map, 8 pl., 7 port. 4°.

Koebel (W. H.) Modern Argentina, the El Dorado of to-day; with notes on Uruguay and Chile. *London: F. Griffiths*, 1907. xv, 380 p., 63 pl. 8°.

Palmer (Friend). Early days in Detroit... Personal reminiscences of important events and descriptions of the city for over eighty years. *Detroit, Mich.: Hunt & June* [cop. 1906]. 1032 p., 2 port. 8°.

[**Witherspoon** (Halliday).] Men of Illinois. [Introduction signed Halliday Witherspoon.] [*Chicago: The Author*, cop. 1902.] 20 p.l., 3–535 p., 2 port. 4°.

Europe.

Beer (George Louis). British colonial policy. 1754–1765. *New York: The Macmillan Co.*, 1907. x, 1 l., 327 p. 8°.

Chancellor (Edwin Beresford). The history of the squares of London, topographical and historical. *London: Kegan Paul, Trench, Trübner & Co.*, 1907. xvii, 420 p., 6 plans, 30 pl. sq. 8°.

Durland (Kellogg). The red reign. The true story of an adventurous year in Russia. *New York: The Century Co.*, 1907. xxv, 533 p., 1 map, 1 pl. ill. 8°.

Espinosa (Alonso de). The Guanches of Tenerife. The holy image of Our lady of Candelaria, and the Spanish conquest and settlement... Translated and edited, with notes and introduction by Sir Clements Markham. *London: The Hakluyt Society*, 1907. 5 p.l., xxvi, 221 p., 2 facsim., 2 maps, 2 pl. 8°. (Hakluyt Society. Works. 2. Series. No. 21.)

"Pat," *pseud. of* P. D. Kenny. "The sorrows of Ireland." *London: The West Strand Pub'g Co., Ltd.*, 1907. 104 p. 12°.

Serrano y Sanz (Manuel). Autobiografias y memorias, coleccionadas é ilustradas. *Madrid: Bailly, Bailliére é Hijos*, 1905. 2 p.l., clxvi, 545 p. 4°. (Nueva biblioteca de autores españoles. v. 2.)

Sturdza (Alexandre A. C.) De l'histoire diplomatique des Roumains, 1821–1859. Règne de Mickel Sturdza, prince régnant de Moldavie, 1834–1849. Précédé d'un exposé historique des évènements de 1821 à 1834, et suivi d'un aperçu historique sur les évènements de 1849 à 1859. *Paris: Plon-Nourrit & Cie.*, 1907. 2 p.l., ix, 2 l., (1) 4–432 p., 1 l., 1 chart, 15 fac.-sim. on 17 l., 21 pl., 28 ports. 4°.

Africa.

Desplagnes (Louis). Le plateau central nigérien. Une mission archéologique et ethnographique au Soudan français. Illustré de 236 reproductions photographiques prises par l'auteur. *Paris: E. Larose*, 1907. 2 p.l., 504 p., 1 map, 119 pl. 8°.

Pechuël-Loesche (E.) Volkskunde von Luango. Mit Illustrationen gezeichnet von A. Goering, M. Laemmel, G. Muetzel, O. Herrfurth. *Stuttgart: Strecker & Schröder*, 1907. 3 p.l., 482 p., 5 pl. 4°.

Ruete (Emily), *formerly* Salamah bint Said, *Princess of Oman & Zanzibar*. Memoirs of an Arabian princess. Translated by Lionel Strachey. *New York: Doubleday, Page & Co.*, 1907. xvi, 227 p., 23 pl., 9 port. 8°.

Schultze (Leonhard). Aus Namaland und Kalahari. Bericht an die Kgl. Preuss. Akademie der Wissenschaften zu Berlin über eine Forschungsreise im westlichen u. zentralen Südafrika, ausgeführt in den Jahren 1903–1905. *Jena: G. Fischer*, 1907. xiv, 752 p., 1 map, 25 pl. 4°.

Asia, Australia, Pacific Islands.

Darius, *Hystaspes, King of Persia*. The sculptures and inscription of Darius the Great on the Rock of Behistûn in Persia. A new collation of the Persian, Susian, and Babylonian texts with English translations, etc. With illustrations. Printed by order of the trustees. [Edited by L. W. King and R. C. Thompson, with prefatory remarks by E. A. Wallis Budge.] *London: British Museum*, 1907. lxxix (1), 1 l., 223 p., 1 map, 15 pl. 4°.

Grimshaw (Beatrice). Fiji and its possibilities. *New York: Doubleday, Page & Company*, 1907. xiii, 315 p., 48 pl., 1 port. 8°.

Jurien de la Graviere (Jean Pierre Edmond). Voyage en Chine pendant les années 1847–1848–1849–1850. *Paris: L. Hachette et Cie.*, 1864. 2 v. 2. ed. 12°.

King (Leonard William). Chronicles concerning early Babylonian kings, including records of the early history of the Kassites and the country of the sea. Edited by L. W. King. *London: Luzac & Co.*, 1907. 2 v. illus. 12°. (Studies in eastern history. [v.] 2–3.)

Schiff Collection.

Morris (Henry). The governors-general of India. *London: Christian Lit. Soc. for India*, 1907. 2 v. illus. 16°.

Rathgen (Karl). Staat und Kultur der Japaner. *Bielefeld: Velhagen & Klasing*, 1907. 4 p.l., (1) 4–140 p., 2 pl. ill. 4°. (Monographien zur Weltgeschichte. No. 27.)

Sakurai (Tadayoshi). Human bullets. A soldier's story of Port Arthur... With an introduction by Count Okuma. Translated by Masujiro Honda. Edited by Alice Mabel Bacon. *Boston: Houghton, Mifflin & Co.*, 1907. xv (i), 269 (1) p., 1 l., 1 pl. 12°.

Smith (Arthur H.) China and America to-day. A study of conditions and relations. *New York: F. H. Revell Co.* [1907.] 256 p. 8°.

Story (Douglas). To-morrow in the east. *London: Chapman & Hall, Ltd.*, 1907. ix, 266 p., 1 l. 12°.

Viallate (Achille). L'avenir économique du Japon. *Paris: M. Rivière*, 1907. 109 p., 1 l. 12°. (Bibliothèque des sciences politiques & sociales.)

Bibliography on p. 108–109.

Winckler (Hugo). The history of Babylonia and Assyria. Translated and edited by James Alexander Craig. *New York: C. Scribner's Sons*, 1907. xii, 352 p., 1 map. 8°.

Wright (Hamilton M.) A handbook of the Philippines. *Chicago: A. C. McClurg & Co.*, 1907. xvii, 431 p., 3 maps, 46 pl., 1 port. 12°.

Jews.

Bernfeld (S.) Kämpfende Geister im Judentum. Vier Biographien. *Berlin: L. Lamm*, 1907. 151 (1) p. 8°.

Schiff Collection.

Cheyne (Thomas Kelly). Traditions and beliefs of ancient Israel. *London: A. & C. Black*, 1907. xx, 591 p. 8°.

Fritsch (Theodor). Handbuch der Judenfrage. Eine Zusammenstellung des wichtigsten Materials zur Beurteilung des jüdischen Volkes. Hrsg. v. T. Fritsch. *Hamburg: Hanseatische Druck u. Verlags-Anstalt*, 1907. 1 p.l., 5–453 (1) p., 1 l. 26. ed. 16°.

Schiff Collection.

Salkind (Jakob (Meïr). *Die Peschitta zu Schir-Haschirim. Textkritisch und in ihrem Verhältnisse zu MT und LXX untersucht. [Bern.] *Leiden: E. J. Brill*, 1905. 4 p.l., 42 p. 8°.
Schiff Collection.

Zunz (Leopold). The sufferings of the Jews during the middle ages. Translated from the German by Rev. Dr. A. Löwy. Rev. and ed. with notes by George Alexander Kohut. *New York: Bloch Pub. Co.*, 1907. 2 p.l., 7–96 p. 16°. (Library of Jewish classics. [no.] 1.)
Schiff Collection.

Art.

Altdorfer (Albrecht). Landschafts Radierungen. Herausgegeben von Max J. Friedlaender. *Berlin: B. Cassirer* [1906]. 3 p.l., 9 pl. f°. (Graphische Gesellschaft. Veröffentlichung. 3.)

Barth (Herman). Constantinople. *Paris: H. Laurens*, 1906. 2 p.l., 180 p. illus. 4°. (Les villes d'art célèbres.)
Schiff Collection.

Boulton (William B.) Thomas Gainsborough, his life, work, friends, and sitters. *Chicago: A. C. McClurg & Co.*, 1907. xi, 336 p., 15 pl., 25 port. 8°.

Cole (Timothy). Old Spanish masters. Engraved by Timothy Cole, with historical notes by Charles H. Caffin and comments by the engraver. *New York: Century Co.*, 1907. ix, 175 p., 25 pl., 6 port. 4°.

Ellis (Edwin John). The real Blake. A portrait biography. *New York: McClure, Phillips & Co.*, 1907. xix, 443 p., 2 fac-sim., 11 pl. 8°.

Gensel (Walther). Constantin Meunier. *Bielefeld: Velhagen & Klasing*, 1905. 1 p.l., 61 p., 1 l., 3 pl., 3 port. illus. 4°. (Künstler-Monographien, no. 79.)

Morgan (John Pierpont). Catalogue of the Guttmann collection of plate now the property of J. Pierpont Morgan, Esq., by E. Alfred Jones. *London: Bemrose & Sons, Ltd.*, 1907. xxiii, 52 l., 53 pl. 4°.

Robert (Karl), *pseud. of* G. Meusnier. Traité pratique du modelage et de la sculpture, contenant des renseignements sur l'exécution en terre ... etc. Leçons écrites d'après les maîtres. *Paris: H. Laurens*, 1907. 144 p. 3. ed. 4°. (Bibliothèque d'enseignement pratique des beaux-arts. no. 11.)

Wilson (David Henry). George Morland. *London: The Walter Scott Pub. Co.*, 1907. xvi, 206 p., 1 l., 20 pl., 1 port. 12°. (Makers of British art.)

Music.

Beaurepaire-Froment (de). Bibliographie des chants populaires français. *Paris: La Revue du Traditionnisme*, 1906. 40 p., 1 l. 12°.

Curtis (Natalie). The Indians' book. An offering by the American Indians of Indian lore, musical and narrative, to form a record of the songs and legends of their race. Recorded and edited by Natalie Curtis. Illustrations...by Indians. *New York: Harper & Bros.*, 1907. 6 p.l., ix–xxx, 2 l., 3–572 p., 1 l., 23 pl. 4°.

Davidson (Gladys). Stories from the operas. With short biographies of the composers. [Ser. 1–2.] *London: T. Werner Laurie* [1907]. 2 v. ports. 12°. (The Music lover's library.)
Ser. 1. is 2. ed.
Ser. 2. pub. in Philadelphia.

Golther (Wolfgang). Richard Wagner as poet ...translated by Jessie Haynes. [*New York:*] *McClure, Phillips & Co.*, 1907. 92 p., 1 l., 1 fac-sim., 14 pl., 1 port. 16°. (Illustrated cameos of literature.)

Pfordten (Hermann Ludwig von der), *Freiherr*. Beethoven. *Leipzig: Quelle & Meyer*, 1907. viii, 143 p., 1 port. 12°. (Wissenschaft und Bildung. 17.)

American and English Literature.

Bailey (Elmer James). The novels of George Meredith: a study. *New York: C. Scribner's Sons*, 1907. 4 p.l., 226 p., 1 port. 12°.
Contains alphabetical list of characters in the novels, with chapters in which they appear.

Chandler (Frank Wadleigh). The literature of roguery. *Boston: Houghton, Mifflin & Co.*, 1907. 2 v. 12°. (The types of English literature.)

Gayley (Charles Mills). Plays of our forefathers, and some of the traditions upon which they were founded. *New York: Duffield & Co.*, 1907. xi, 2 l., 349 p., 29 pl. 8°.

Gunsaulus (Frank Wakeley). The higher ministries of recent English poetry. *New York: F. H. Revell Co.* [1907] 233 p., 1 fac-sim. 12°.

Joachimi-Dege (Marie). Deutsche Shakespeare Probleme im xviii. Jahrhundert und im Zeitalter der Romantik. *Leipzig: H. Haessel*, 1907. 5 p.l., 296 p. 8°. (Untersuchungen zur neueren Sprach- und Literaturgeschichte. Heft 12.)

Matthews (Brander). Inquiries and opinions. *New York: C. Scribner's Sons*, 1907. vii, 305 p. 12°.

Nason (Arthur Huntington). Heralds and heraldry in Ben Jonson's plays, masques and entertainments. *New York*, 1907. 3 p.l., (1) x–viii, 164 p. 8°.

Nicoll (William Robertson), *and* T. Seccombe. A history of English literature. *New York: Dodd, Mead & Co.*, 1907. 3 v. illus. 8°.

Woodberry (George Edward). The appreciation of literature. *New York: The Baker & Taylor Co.*, 1907. 5 p.l., 195 p., 4 pl., 4 port. 8°.

Foreign Literature.

Arnold (Robert Franz). Das moderne Drama. *Strassburg: K. J. Trübner*, 1908. x, 388 p. 12°.

Becker (Philipp August). Grundriss der altfranzösischen Literatur. Teil 1. *Heidelberg: C. Winter*, 1907. 8°. (Sammlung romanischer Elementarbücher. 2. Reihe, no. 1.)

Livy. Livius. Codex Vindobonensis Lat. 15 phototypice editus. Praefatus est Carolus Wessely. *Lugduni Batavorum: A. W. Sijthoff*, 1907. 2 p.l., xcv, 193 f. f°. (Codices Graeci et Latini. Tomus 11.)

Molina (Tirso de), *pseud. of* Gabriel Tellez. Comedias de Tirso de Molina. Colección ordenada é ilustrada por D. Emilio Cotarelo y Mori...Tomo 1. *Madrid: Bailly, Bailliére é Hijos*, 1906. 4°. (Nueva Biblioteca de autores españoles. v. 4.)

PRINCIPAL DONORS IN OCTOBER.

	VOLS.	PMS
Allgemeiner Deutscher Sprachverein	21	25
Amateur Comedy Club	1	
Amer. Swedenborg Printing Society	1	
Amsterdam, De Burgemeester	3	
Armstrong, Dr. S. T.	8	1
Baker, C. E.		1
Barnwell, J. W.		1
Bixby, Wm. K.	1	
Brazil, Minister for Foreign Affairs	42	15
Brooks Brothers	29	
Buenos Aires, Biblioteca Nac.	1	1
Cadicamo, Prof. G.		2
Columbia University Library	20	20
Congrès Inter. pour l'étude des régions polaires	1	
Culin, Stewart		36
Dauber, S.	3	
Deventer, De Burgemeester	4	
De Vinne Press	1	
Draper, Mrs. Henry	28	68
Elshemus, L. M.	2	
Erlangen, Königl. Univ.	2	203
Göteborgs, Stadsbibliotek	3	
Gt. Britain, Patent Office	14	
Guyot, Henri	1	
Harvard University	1	
Ill. State Geological Survey	1	
Iowa, Bd. of R.R. Commiss.	1	
Jamaica Bay Improvement Commiss.	2	
Japan Year Book Office	3	
Johns Hopkins University	1	
Kampen, De Burgemeester	1	
Kennedy, John S.	5	
Krefft, Gerard		3
Lake Superior Canal Semi-Centennial Commiss.	1	
League of American Municipalities	1	
Leland Stanford, Jr., Univ.		2
Library Association		2
Linnean Society	1	
Liverpool Philomathic Soc.	4	
Liverpool School of Tropical Medicine	4	10
Louisiana Board of State Engineers	1	
Louisiana, Insurance Dept.	2	1
Lowell Board of Trade	2	
Lynn, City Auditor	3	
McKeesport, City Clerk	1	
Madison Avenue Reformed Church		7
Madison, Wis., City Clerk	5	15
Mergenthaler Linotype Co.		8
Meriden, City Engineer	3	
Mettee, A. H.	1	
Moore, C. B.	1	
Nardecchia, Dr. A.	23	16
Nason, A. H.	1	
Neth., Minister van Oorlog	2	
New Hampshire, Insurance Dept.	1	
New Hampshire, State Library	5	
New York City, Bd. of Educ.	5	
New York State Medical Soc.	1	
Newman, Mrs. A. F.	1	
Noord-Brabant, Commiss. of Province	7	
Oklahoma, Constitutional Convention	2	1
Palmer, Francis B.	1	
Pauli, F. G.	1	
Penna. State Library	21	15
Perovsky-Petrovo-Solovovo, Count Mikhail	416	220
Phi Gamma Delta	2	
Quesada, G. de	1	
Reid, Hon. Whitelaw		1
R. I. State Library	3	24
Richter, Mrs. Fernande	3	
Richmond, Va., Special Accountant	8	
Rodrigues, J. C.	1	
Rothensteiner, Rev. John	3	7
St. Louis, Sewer Commiss.		3
Salford, Eng., Borough Treas.	1	
Seidensticker, Mrs. E. L.	2	2
Scarborough, Eng., Borough Accountant	1	
Scientific American	6	597
Soc. Italiana per il Progresso delle Scienze		3
Speranza, G. C.	55	2
Staples, Mrs. J. T.	59	
Swedish Mission, Asmara	30	2
Thayer, Rev. H. O.	3	
Ziegler, Wm., Estate of	1	

Published monthly by The New York Public Library, No. 425 Lafayette Street, New York City.
Subscription One Dollar a year, single numbers Ten Cents. Subscriptions may be sent to I. Ferris Lockwood, Business Superintendent, No. 425 Lafayette Street, New York.
Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

LIBRARY
DEC 26 1907
UNIVERSITY OF TORONTO

DECEMBER 1907

VOLUME XI · NUMBER 12

REPORT FOR NOVEMBER	559–564
LIST OF WORKS RELATING TO HYDRAULIC ENGINEERING, PART II.	565–626
PRINCIPAL ACCESSIONS IN NOVEMBER	627–631
PRINCIPAL DONORS IN NOVEMBER	632

NEW YORK
1907

BOARD OF TRUSTEES

William W. Appleton.
John Bigelow.
John L. Cadwalader.
Andrew Carnegie.
Cleveland H. Dodge.
John Murphy Farley.
Samuel Greenbaum.
H. Van Rensselaer Kennedy.
John S. Kennedy.
Edward King.
Lewis Cass Ledyard.
J. Pierpont Morgan.
Morgan J. O'Brien.
Stephen H. Olin.
Alexander E. Orr.
Henry C. Potter.
George L. Rives.
Charles Howland Russell.
Edward W. Sheldon.
George W. Smith.
Frederick Sturges.

George Brinton McClellan, Mayor of the City of New York, *ex officio.*
Herman A. Metz, Comptroller of the City of New York, *ex officio.*
Patrick F. McGowan, President of the Board of Aldermen, *ex officio.*

OFFICERS

President, Hon. John Bigelow, LL.D.
First Vice-President, Rt. Rev. Henry C. Potter, D.D., LL.D.
Second Vice-President, John S. Kennedy, Esq.
Secretary, Charles Howland Russell, Esq., 425 Lafayette Street.
Treasurer, Edward King, Esq., Union Trust Company, 80 Broadway.
Director, Dr. John S. Billings, 425 Lafayette Street.

BRANCHES—REFERENCE

Lafayette Street, 425. (Astor.) Fifth Avenue, 890. (Lenox.)

CIRCULATION

MANHATTAN.

East Broadway, 33. (Chatham Square.)
East Broadway, 197. (Educational Alliance Building.)
Rivington Street, 61.
Le Roy Street, 66. (Hudson Park.)
Bond Street, 49. Near the Bowery.
8th Street. 135 Second Avenue. (Ottendorfer.)
10th Street, 331 East. (Tompkins Square.)
13th Street, 251 West. Near 8th Avenue. (Jackson Square.)
23d Street, 228 East. Between 2d and 3d Avenues. (Epiphany.)
23d Street, 209 West. Near 7th Avenue. (Muhlenberg. Department Headquarters.)
34th Street, 215 East. Between 2d and 3d Avenues.
40th Street, 501 West. Between 10th and 11th Avenues. (St. Raphael's.)
42d Street, 226 West. Near 7th Avenue. (George Bruce.)
50th Street, 123 East. Near Lexington Avenue. (Cathedral.)
51st Street, 463 West. Near 10th Avenue. (Sacred Heart.)
58th Street, 121 East. Near Lexington Avenue.
67th Street, 328 East. Near 1st Avenue.
69th Street. 190 Amsterdam Avenue. (Riverside. Travelling Libraries.)
77th Street. 1465 Avenue A. (Webster.)
79th Street, 222 East. Near 3d Avenue. (Yorkville.)
81st Street. 444 Amsterdam Avenue. (St. Agnes. Blind Library.)
96th Street, 112 East. Between Lexington and Park Avenues.
100th Street, 206 West. Near Broadway. (Bloomingdale.)
110th Street, 174 East. Near 3d Avenue. (Aguilar.)
123d Street, 32 West. (Harlem Library Branch.)
125th Street, 224 East. Near 3d Avenue.
135th Street, 103 West. Near Lenox Avenue.
145th Street, 503 West. (Hamilton Grange.)
156th Street. 922 St. Nicholas Avenue. (Washington Heights.)

BRONX.

140th Street, 321 East, cor. Alexander Avenue. (Mott Haven.)
176th Street. 1866 Washington Avenue. (Tremont.)
230th Street. 3041 Kingsbridge Avenue. (Kingsbridge.)

RICHMOND.

St. George. Stuyvesant and Hyatt Streets.
Port Richmond. 12 Bennett Street.
Stapleton. Canal and Brook Streets.
Tottenville. Amboy Road, near Prospect Avenue.

BULLETIN

OF THE

NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

Published monthly by The New York Public Library at 425 Lafayette Street, New York City. President, John Bigelow, 425 Lafayette Street; Secretary, Charles Howland Russell, 425 Lafayette Street; Treasurer, Edward King, 80 Broadway; Director, John S. Billings, 425 Lafayette Street.

Subscription One Dollar a year, current single numbers Ten Cents.

Entered at the Post Office at New York, N. Y., as second-class matter, January 30, 1897, under Act of July 16, 1894.

VOL. XI. DECEMBER, 1907. No. 12.

REPORT FOR NOVEMBER.

REFERENCE DEPARTMENT.

During the month of November there were received at the Library, by purchase, 1,210 volumes and 336 pamphlets; by gift, 2,853 volumes and 2,023 pamphlets; and by exchange, 43 volumes and 1,038 pamphlets, making a total of 5,106 volumes and 3,397 pamphlets.

There were catalogued 5,191 volumes and 1,655 pamphlets; the number of cards written was 5,309, and of slips for the copying machine 2,480; from the latter were received 13,133 cards.

The following table shows the number of readers, and the number of volumes consulted, in the Astor and Lenox Branches during the month:

	Lenox.	Astor.			Total.
		Day.	Evening.	Total.	
No. of readers and visitors	4,918	15,764	2,809	18,573	23,491
No. of readers	1,966	15,764	2,809	18,573	20,539
No. of readers, desk applicants	1,063	16,017	2,814	18,831	19,894
No. of volumes consulted by desk applicants	6,103	62,061	12,119	74,180	80,283
Daily average of readers	75	606	108	714	789

CIRCULATION STATISTICS FOR NOVEMBER.

BRANCHES.	CIRCULATION.		NEW REGISTRATIONS.	READERS IN READING ROOM.		VOLUMES ACCESSIONED.
	HOME USE. (VOLUMES.)	HALL USE. (READERS.)		ADULTS.	TOTAL.	
MANHATTAN.						
East Broadway, 33	13,081	4,212	433	2,286	2,286	239
East Broadway, 197	18,961	3,571	775			450
Rivington Street, 61	19,165	2,522	579	18,935	19,034	401
Le Roy Street, 66	9,034	3,689	213	1,564	5,023	121
Bond Street, 49	8,358	826	210	2,455	3,547	356
8th Street. 135 Second Avenue	16,503	1,002	352	3,538	3,796	269
10th Street, 331 East	18,107	2,954	541	3,342	3,626	320
13th Street, 251 West	9,025	1,585	167	2,045	3,107	182
23d Street, 228 East	12,919	3,190	680	2,523	4,695	367
23d Street, 209 West	12,090	5,491	300			150
34th Street, 215 East	6,875	3,118	175			117
40th Street, 501 West	3,379		64			203
42d Street, 226 West	14,103	906	496			147
50th Street, 123 East	6,371	1,098	175	321	411	71
51st Street, 463 West	4,858	221	101	287	555	63
58th Street, 121 East	14,529	2,811	510	5,501	5,501	100
67th Street, 328 East	15,642	1,496	413	682	3,206	181
69th Street. 190 Amsterdam Avenue	12,085	942	263	3,400	4,410	155
Travelling Libraries	72,547					750
77th Street. 1465 Avenue A	16,518	527	396	1,406	4,013	98
79th Street, 222 East	20,940	1,153	418	2,636	5,542	577
81st Street. 444 Amsterdam Avenue	16,575	3,027	364	1,804	1,993	343
Blind Library	973		5			309
96th Street, 112 East	25,376	2,628	691	1,979	4,254	139
100th Street, 206 West	18,166	4,947	433	2,180	2,694	180
110th Street, 174 East	20,510	4,790	549	1,507	1,824	187
123d Street, 32 West	10,192	399	440	2,063	2,302	556
125th Street, 224 East	10,252	1,450	220	1,059	1,491	227
135th Street, 103 West	18,403	2,331	371	1,494	3,047	124
145th Street, 503 West	18,923	2,899	561	1,816	4,008	191
156th Street. 922 St. Nicholas Avenue	10,540	3,755	316			152
BRONX.						
140th Street and Alexander Avenue	19,153	875	387	1,997	4,798	226
176th Street and Washington Avenue	19,628	642	452	1,254	2,418	191
Kingsbridge Avenue, 3041	2,516	1,663	22			90
RICHMOND.						
St. George	8,274	2,156	265	800	1,029	136
Port Richmond	5,872	260	72	405	981	135
Stapleton	7,494	2,305	192	509	873	543
Tottenville	3,004	987	27			50
TOTALS	540,941	76,428	12,628	69,788	100,464	9,096

The most important gifts of the month came from J. Pierpont Morgan, the illustrated catalogues of the "Pictures in the collection of J. Pierpont Morgan at Princes Gate & Dover House, London," with an introduction by T. Humphry Ward and biographical and descriptive notes by W. Roberts, (London, Privately printed, 1907), three folio volumes bound by Zaehnsdorf in full brown crushed levant, and "Catalogue of the collection of miniatures, the property of J. Pierpont Morgan, compiled at his request by G. C. Williamson," privately printed at the Chiswick Press, 1906, on Japanese vellum with hand-colored facsimiles, bound in full green crushed levant, this being no. 7 of the 40 copies printed on Japanese vellum.

Mrs. Henry Draper gave a copy of Henri Bouchot's "La miniature française, 1750-1825" (Paris, 1907, 5 volumes, quarto); a set of the Hollyer prints of New York city; and several interesting manuscripts. The latter included a portion (10 folios, 4″ x 2.5″) of a miniature Koran in Cufic characters of the 9th or 10th Century, A. D., two leaves (7″ x 5″) of the Koran containing portions of the 18th Surah, in old Neski characters of the 10th or 11th Century, A. D., and two leaves of about the same size containing portions of the 9th Surah, in old Cufic characters, of about the eighth century A. D., and an impression in clay of a seal and of an early coin with Pehlavi inscription. A further gift consisted of a bronze tablet (3″ x 4″), the "tabella posterior" of one of the "diplomata militaria" or "constitutiones veteranorum" with inscription in Latin conferring the privileges of Roman citizenship upon Gaius Nicia son of Lucius, dated 22 November 139 A. D. (x. Kal. Dec. Justino et Basso consulibus).

Other gifts worthy of mention came, From Dr. S. T. Armstrong, 17 volumes and 16 pamphlets, including José Montero y Vidal's "Historia general de Filipinas" (Madrid, 1887-1895, 2 volumes), and a copy of "Historia de uno de los iniciadores de la revolucion filipina" por Matatag, Nueva Caceres, 1899, and several other interesting Philippine imprints of about the same date; from Willard Parker Butler, 28 volumes, French and German novels, etc.; from the executors of the estate of James C. Carter, through Lewis Cass Ledyard, eleven copies of "Law: its origin, growth and function" by James Coolidge Carter, New York, 1907; from E. D. Church, "A catalogue of books relating to the discovery and early history of North and South America, forming a part of the library of E. D. Church," compiled and annotated by George Watson Cole, volumes 1-4, New York, 1907; from the General Convention of the New Jerusalem in the United States of America, "Emanuel Swedenborg's Memorabilia or Spiritual diary from the year 1747 to the year 1765," a facsimile of the original manuscript reproduced by means of photo-typography, (Stockholm, 1901, 1905, 3 volumes); from Mrs. Cadwalader Jones, a copy of "The History of the rise, increase and progress of the Christian people called Quakers intermixed with several remarkable occurrences, written originally in Low-Dutch, by William Sewel and by himself translated into English" (London, 1722); from H. W. Mesdag, a copy of the "Catalogue of the pictures, drawings, etchings and objects of art at the Mesdag Museum," (The Hague) compiled by Ph. Zilcken, 1906; from the Museum of Fine Arts, Boston, "Communications to the Trustees" relating to problems of

administration and arrangement brought up in connection with the new building for the Boston Museum; from the New-Yorker Staats-Zeitung, 1727 volumes and 44 pamphlets, including 1338 volumes of the New-Yorker Staats-Zeitung" in its various editions of "Wochenblatt," "Sonntagsblatt," "Abendblatt;" from William Lincoln Palmer, "Revolutionary pension declarations, Strafford County, N. H., 1828-1832," compiled from court records by Lucien Thompson, August, 1907, Cambridge; and from Lucien Pissarro, Paris, 10 etchings by his father, the late Camille Pissarro.

At the Lenox branch the exhibition of modern German prints was replaced by one of etchings by Jacquemart, selected from about 450 plates in the Avery collection. Jacquemart, a master of the process of etching, devoted his talents particularly to the reproduction of objects of art in porcelain, sardonyx, rock-crystal, and other materials, which he did with marvellous skill in rendering textures. The exhibit is also of obvious interest as a display of "arts and crafts."

On the lower floor of the Lenox, the exhibition of bookplates done by the late E. D. French gave way on November 6 to a number of wood engravings by A. Prunaire, practically all added to the Avery Collection by Mr. George A. Lucas of Paris. Prunaire engraves much in heavy, vigorous lines, and gives the spirit of Daumier, for example, with the aid of some color. But his hand is capable also of the utmost delicacy of tone. His work illustrates an interesting phase of the art of wood-engraving, so little practised to-day.

At Astor the colorplates from "Ancient Oriental Carpets," and the American etchings, engravings, and lithographs, have remained on view without change.

Picture bulletions and temporary collections of books on special shelves at the circulation branches were as follows: Rivington Street, Alfred Tennyson, Charles Dickens, Painting and painters; Bond Street, Music, J. G. Whittier, Irish history, Fractures, sprains, and dislocations, First aid to injured, Land of the Incas; Hudson Park, Health of school children, Present-day Russia, Care of the skin, Periodicals, Turkey; Ottendorfer, Keeping-house, Japan, Adventures of the sea, Christmas; Tompkins Square, Chivalry, Dante, November, Poetry; Epiphany, Days and deeds in November, Harvest days, Sea stories; Muhlenberg, United States Navy; George Bruce, The horse; 67th Street, Arctic regions, Nursery rhymes; Webster, Japan; Riverside, Fairy tales, Ghost stories; Bloomingdale, Pilgrim Fathers; St. Agnes, Chivalry and Knighthood, Robert Fulton; 96th Street, Biographies, Out of doors in November; Aguilar, November, Election ballot, Lecture lists; 125th Street, School room games and exercises, Laws and ordinances, Pirate stories, Spain; Mott Haven, Joan of Arc; Tremont, Cities and classic sculpture, Japanese prints; Port Richmond, Reading and recitation, Story hour, Trusts.

In addition there were bulletins on Thanksgiving Day at twenty-four branches, on new books at five branches, on Robert Louis Stevenson at three branches.

At the meeting of the Board of Trustees on Wednesday, November 13, 1907, the following minute relative to the late Alexander Maitland was adopted:

"Alexander Maitland, an original member of the Board of Trustees of The New York Public Library, died at Princeton, New Jersey, on October 25, 1907.

"Mr. Maitland was a son of Robert L. Maitland, a well-known merchant of the City of New York, and a nephew of James Lenox, the founder of the Lenox Library. Alexander Maitland, with his brother, succeeded to his father's business and carried it on successfully for some years, during which he became known as a capable and honorable man of affairs.

"In 1881, Mr. Maitland married Miss McCosh, the eldest daughter of the Reverend James McCosh, D.D., LL.D., President of Princeton University, who survives him.

"He was actively and intelligently connected with charities in the City of New York, having been for many years a manager of the Presbyterian Hospital, founded by his grand-uncle, Mr. Lenox, and for some time its Corresponding Secretary and a member of the Executive Committee, and was present at the last meeting of the Board on the eighth of October of the present year.

"He was an elder of the Fifth Avenue Presbyterian Church for many years, and afterwards became connected with the Brick Church, and was a member of the Board of Foreign Missions of the Presbyterian Church and of the New York City Missionary Tract Society.

"Mr. Maitland's connection, however, with the Public Library and the corporations which preceded it more nearly concerns us. He was a Trustee and Treasurer of the Lenox Library from the year 1880 until the consolidation in 1895.

"The history of the Lenox Library has been so personal, its field so particular and peculiar, that it might naturally have been expected that a member of the Lenox family, closely allied with its traditions, could hardly contemplate without opposition the disappearance of that Library as a separate entity, even to become a part of The New York Public Library. But Mr. Maitland was built on larger and broader lines, and as soon as it was publicly known that a consolidation was projected between the Trustees of the Astor Library and the Tilden Trust, Mr. Maitland immediately came forward and took the ground that no consolidation of those two libraries ought to be effected without giving an opportunity to the Lenox Library to become a part of the new corporation.

"Such opportunity was afforded immediately, and, aided greatly by Mr. Maitland's efforts, a committee from the Trustees of the Lenox Library met with the committees of the other libraries and finally worked out the consolidation of the three corporations, thus creating the present corporation known as The New York Public Library, Astor, Lenox and Tilden Foundations.

"In the solution of the many problems which presented themselves in carrying out this important and complicated work Mr. Maitland bore his full share, and with capacity, tact and fairness greatly assisted in creating a real Public Library and in obtaining for it the favor of the public authorities and the confidence of the public.

"He became an original Trustee, and remained such until his death. He served upon the Executive Committee from February 1, 1897, to January 31,

1902, and again from February 1, 1903, to January 4, 1905. He served upon the Finance Committee from May, 1895, to January 31, 1900, and again from February 1, 1901, to January 31, 1905; and further served upon the Library Committee and upon the Committee on Circulation.

"During his entire connection with the Library he rendered constant and efficient service and was a most valuable member of the Board.

"In carrying out the difficult negotiation with the Lenox heirs for the removal of the condition affecting the title to a portion of the real estate he rendered most willing and valuable service.

"In private life Mr. Maitland honorably and frankly pursued the even tenor of his way. He was generous, kindly, sympathetic and charitable. He made frequent gifts during his life to the Library, and by a legacy of a substantial sum under his will made it again his debtor.

"He long since obtained the affectionate regard of his friends and is justly entitled to special recognition for his public services."

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO HYDRAULIC ENGINEERING.

Concluded from November BULLETIN.

ELEVATORS (HYDRAULIC).

Baxter (William). Low pressure hydraulic elevators. (American Machinist. v. 24, pp. 479–482. *New York*, 1901.)

—— The Otis double power hydraulic elevator. (American Machinist. v. 24, pp. 713–716. *New York*, 1901.)

Boddam's hydro-electric lift. (Engineering. v. 83, pp. 646. *London*, 1907.)

Bolton (Reginald Pelham). Test of a hydraulic elevator system. [With discussion.] (Amer. Soc. Mechanic. Engineers. Transac. v. 24, pp. 933–944. *New York*, 1903.)

Dantin (Ch.) Les nouveaux ascenseurs hydrauliques de la Tour de 300 mètres. 1 pl. (Génie civil. v. 37, pp. 441–444. *Paris*, 1900.)

Duenkel (Chas. L.) The evolution of the hydraulic elevator: high-pressure elevators in the Prudential buildings, Newark, N. J. (Engineering News. v. 49, pp. 118–124. *New York*, 1903.)

James (H. D.) High-pressure hydraulic distribution of power, with special reference to elevator machinery. (Proc. Engineers Soc. of West. Pa. v. 20, pp. 177–204. *Pittsburg*, 1904.)

L. (E.) Ascenseurs du Central London Railway: Ascenseurs hydrauliques de la station de Shepherd's Bush. 1 pl. (Génie civil. v. 44, pp. 250–252. *Paris*, 1904.)

Pattison (Frank A.) A study in electro-hydraulics. (Engineering News. v. 46, pp. 4–6. *New York*, 1901.)

EMBANKMENTS.

See LEVEES, ETC; *also* RIVERS.

HARBORS.

Laroche (F.) Bibliographie: ports maritimes. (In his: Ports maritimes. *Paris*, 1893. v. 1, pp. 517–526; v. 2, pp. 432–452.)

Baldaque [da Silva] A[ntoine] A[rthur]). Étude sur l'amélioration des ports établis sur les côtes basses et sablonneuses ... Ouvrage présenté au concours international de 1881 ouvert par le gouvernement Belge ... *Lisbon: Typ. Franco-Portugaise*, 1888. 77 p., 1 l., 13 plans. 8°. (Portugal. Marinha e Ultramar, Minis. da.)

Buleau (M.) Cours de construction, 3e partie. Ports de mer et défense de côtes. Lithographed. f°.

Carey (Alfred Edward). The sanding-up of tidal harbours. [Discussion and Correspondence.] 1 pl. (Inst. Civil Engineers. Minutes of Proc. v. 156, pp. 215–303. *London*, 1904.)

Cialdi (Alessandro). Sintesi di fatti per dimostrare come il moto ondoso del mare, anzichè la corrente littorale, è la cagione precipua del protendimento delle spiagge e della ostruzzione de' porti; applicandone il resultamento all' ingresso del Bosforo di Suez nella rada di Pelusio. *Roma*, 1860. 8°.

—— Les ports canaux. Article extrait de l'ouvrage sur le mouvement des ondes, sur les courants de la mer et spécialement sur les courants littoraux. Traduit de l'italien... par un partisan du percement de l'isthme de Suez. *Rome: Imprimerie des Beaux Arts*, 1866. xii, 42 p., 1 l., 2 charts. 4°.

—— Les ports-chenaux et Port-Said. *Paris: J. Baudry*, 1870. xlii, 118 p., 2 plans. 8°.

—— Dei movimenti del mare sotto l'aspetto idraulico nei porti e nelle rive. *Milano: Tipog. e Prem. Litog. degli Ingegneri*, 1876. 218 p., 1 l., 2 plans, 2 pl. f°.

Cordemoy (de). Ports maritimes. Mer, Vents, Ondes, Vagues. Tome 1. *Paris: H. Dunod & E. Pinat*, 1907. 12°. (Bibliothèque du conducteur de travaux publics.)

Corthell (Elmer L.) Les ports du monde, leurs conditions... dans le présent et dans l'avenir. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 18 pp., 1 l. 8°. (8. International Congress on navigation. sec. 4., ques. 8.)

Also in English.

Crosthwaite (P. M.) The stability of channels through sandy estuaries... *London: Inst. Civ. Eng.*, 1898. 69 p., 1 map. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 133, pt. 3.

Cullen (E. A.) Harbours in Europe and the United States. *n. t.-p.* [*Brisbane: E. Gregory, govt. prtr.*, 1900.] 10 p., 9 plans, 1 plate. f°. (Queensland. Marine Department.)

Delachanal (E.) Progrès de l'application de la mécanique à l'outillage des ports. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 18 p., 3 pl. 8°. (8. International Congress on navigation. sec. 4., ques. 9.)

Also in English.

Discussion on harbors. 6 pl. (Amer. Soc. Civil Engineers, Transac. v. 54, pt. A. (Internat. Engineering Congr. v. 1, pp. 339–451.) *New York*, 1905)

Harbors, cont'd.

Dorn (A.) Die Seehäfen des Weltverkehrs dargestellt von Josef Ritter von Lehnert, k.k. Linienschiffs-Capitän, Johann Holeczek, k.k. Fregatten-Capitän [u. a.] unter Redaction von A. Dorn. *Wien: Volkswirtschaftlicher Verlag Alexander Dorn* [1890]. 2 v. plans, maps, ill. 8°.

Ehrenfreund (Edilio). L'arredamento dei grandi porti mercantili. 1 pl. (Giornale del genio civile. anno 40, pp. 465–530. *Roma*, 1903.)

Fonction (La) économique des ports. 3 pl. (Rev. d. questions scientif. ser. 3, v. 9, (v. 59), pp. 357–382; ser. 3, v. 10, (v. 60) pp. 110–254. *Louvain*, 1906.)

1. Francotte (Henri), La fonction économique des ports dans l'antiquité grecque.
2. Eeckhout (Georges), Le port de Bruges au moyen âge.
3. Laporte (H.), Le port de Barry.
4. Morisseaux (Ch.), Le port de Beira.
5. Rousiers (Paul de), Les Fonctions économiques du port de Liverpool.
6. Theunissen (Marcel), Anvers et la vie économique nationale.
7. Blondel (G.), Les ports et la vie économique en France et en Allemagne.

Fowler (A. F.) The evolution of harbour engineering. [Discussion.] (Transac. Liverpool Engineering Soc. v. 26, pp. 235–250. *Liverpool*, 1905.)

France. *Ponts et Chaussées et des Mines, Direction générale des.* Statistique des ports maritimes de commerce. *Paris: Imp. Royale*, 1839. xxiv, 247 p. f°. (Minis. des Travaux publics.)

Franzius (Ludwig). Appropriation des ports de commerce aux exigences de la navigation. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 9 p., 1 l., 2 plan. 8°. (8. International Congress on navigation. sec. 4., ques. 8.)

Also in English.

—— *and others.* Seekanaele, Strommuendungen. Seehaefen. Von Ludwig Franzius, G. Franzius, und R. Rudloff. *Leipzig: W. Engelmann*, 1894. vi, 140 p., 5 pl. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe. Hft. 2.)

Bibliography on pp.: 3–7, 33–34, 60–61, 125–139.

Harbor and river improvements. Necessity for a radical change in the method of applying tidal scour. *n. t.-p. n.p.* [186–?] 8 p. 8°.

Harcourt (L. V. Vernon-). *See* **Vernon-Harcourt** (L. F.)

Haupt (Lewis Muhlenberg). Harbor bar improvements. *n.t.-p. n. p.* [1889?] 10 p. nar. 8°.

Repr.: Journal of the Franklin Institute, July, 1889.

—— The physical phenomena of harbor entrances ... *n. t.-p.* [*Philadelphia?* 1889?] 23 p., 6 maps. 8°.

—— Reaction as an efficient agent in procuring deeper navigable channels in the improvement of rivers and harbors. (Amer. philos. soc. Proc. v. 42, pp. 199–211. *Philadelphia*, 1903.)

Hiroi (I.) The preparation and use of concrete blocks for harbour works. 1 pl. (Amer. Soc. Civil Engineers, Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904. v. 1) pp. 211–220. *New York*, 1905.)

Knapp (H. F.) Harbour bars: the cause of their formation and how they may be permanently cut away by natural force. *London*, 1878. 8°.

Krecke (August). Die Ausrüstung der Handelshäfen. (Zeitschr. f. Architektur u. Ingenieurwesen. *Hannover*, 1898. f°. Jahrg. 44, col. 399–402.)

Laroche (F.) Ports maritimes. *Paris: Baudry & Cie.*, 1893. 3 v. 2 ll., xv, (1) 526; 2 ll., xii, 452 p., ill., and 37 pl., in atlas. 8° and f°. (Encycl. des. Trav. Publ.)

Lovelace (*r. earl*) William King-Noel. O harbours of refuge; with an abstract of the discussion upon the paper. *London: W. Clowes & Sons*, 1849. 52 p. 8°.

Repr.: Proceedings Inst. Civil Engineers.

Minard (C. J.) Cours de construction, deuxième partie; ouvrages hydrauliques des ports de mer, avec Atlas. *Liège*, 1852. 2 v. 4°.

Owen (Douglas). Ports and docks: their history, working, and national importance. *London: Methuen & Co.*, 1904. 4 p.l., 179 p., pl. 12°.

—— Les ports et les docks et leur importance par rapport a l'état. (Rev. écon. internat. 1906, v. 1, pp. 538–571. *Bruxelles*, 1906.)

Rennie (*Sir* J.) The theory, formation, and construction of British and foreign harbours. With 123 engravings. *London*, 1854. 2 v. f°.

Reports on the most recent works carried out in the principal seaports. By Van der Schueren. [Reports by J. Nyssens-Hart, C. Piens, L. Grenier, G. v. Haute, Quinette de Rochemont, Bu, bendey, Schulze, O. Bernardini, E. Cucchini-Perilli, L. Caizzi, A. Rojdestvensky, F. W. Hodgdon, J. A. Sullivan.] *Brussels: Pr. Off. of the Pub. Works*, 1905. 13 pamphlets. 8°. (10. Internat. Congress of Navigation. Sect. 2. com. 4°.)

Review of the various methods of working and administration of the seaports. Their influence on the development of trade. General report by A. Mazza. [Reports by P. Joly, Benduhn, Winter, L. Lampugnani, H. Gullini...] *Brussels: Prtg. Off. of the Pub. Works*, 1905. 6 pamphlets. 8°. (10. Internat. Congress on Navigation. Sect. 2. Quest. 3.)

Sanford (J. C.) Dredging ocean bars. 9 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr., 1904.) v. 54, pt. C., pp. 303–326. *New York*, 1905.)

Smith (William Henry). The sea-wall question analysed and practically resolved; by a principle applicable to all marine structures. With frontispiece ... *London: Longman & Co.*, 1849. ix, 10–31 p. 8°.

Squire (W. W.) Harbour works and dock construction. 3 pl. (Roy. Engineers Inst. Prof. papers of the Corps of Roy. Engineers. Occasional papers. v. 28, pp. 121–139. *Chatham*, 1903.)

Steuerwald (E.), *and* Ch. M. Schols. Beschoeiingen en bekleedingsmuren. *'s Gravenhage: Gebr. van Cleef*, 1885. viii, 259 p. and Atlas of 7 pl. 8°, f°. (Waterbouwkunde. Deel 11.)

Harbors, cont'd.

Stevenson (Thomas). The design and construction of harbours: a treatise on maritime engineering. 2d ed. *Edinburgh*, 1874. ill. pl. 8°.

Vedel (P.) Island harbors and the accumulations of material caused by detached works. (Amer. Soc. Civil Engineers Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904, v. 1) pp. 139–158. *New York*, 1905.)

Vernon-Harcourt (L. F.) Harbours and Docks: their physical features, history, construction. 2 v. *Oxford: Clarendon Press*, 1885. 16 pl. 8°.

Wiedenfeld (August Bernhard Julius Kurt). Die nordwesteuropäischen Welthäfen. London, Liverpool, Hamburg, Bremen, Amsterdam, Rotterdam, Antwerpen, Havre, in ihrer Verkehrs- und Handelsbedeutung. *Berlin: E. S. Mittler & Sohn*, 1903. xi, 376 p., 6 maps. 4°. (Veröffentlichungen des Instituts für Meereskunde und des Geographischen Instituts an der Universität Berlin. Heft 3, 1903.)

Regional.

Africa.

Boyer (Jacques). Le nouveau port de Bizerte. (Nature. *Paris*, 1898. 4°. Année 26, pp. 115–117.)

Cape of Good Hope.—*Statutes.* Act to provide for the better management and control for defence purposes of a portion of the Port of Simon's Town and to authorize the construction of docks there by the admiralty. (Assented to 22nd December, 1898.) (Known as the "Simon's Town Naval Defence Act, 1898.") f°. (Act 25, 1898.) (In: Suppl. to the Cape of G. H. Gov. Gazette. Dec. 30, 1898. pp. 19–21.)

Child (W. S.) Aden harbour. *London: Inst. Civ. Eng.*, 1894. 11 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 116, pt. 2.

Cialdi (Alessandro). Les jetées de Port-Saïd et leur ensablement. Mémoire ... Traduit par G. Barlocci. *Rome: Imprimerie des Beaux-Arts*, 1869. vi, 58 p. 4°.

—— Port-Said. A M. Ferdinand de Lesseps, president et directeur de la Compagnie universelle du canal maritime de Suez, lettre ... Avec un postscriptum. *Rome: Impr. des Beaux-Arts*, 1868. 26 p., 1 l. 4°.

Repr.: Giornale dell' Ingegnere-arch. ed agronomo. 15. Milan, Oct. 1867.

Furse (G. A.) French ports in northern Africa. (Jour. Roy. United Service Inst. v. 43, pp. 1113–1124. *London*, 1899.)

Hammersley-Heenan (Robert Henry). Capetown harbor works. (Pub. Wks. v. 4, pp. 207–228. *London*, 1904.)

—— The harbour of Algoa Bay, Cape Colony. *London: The Inst.*, 1897. 16 p. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 130, sess. 1896–97. Pt. 4.

Methven (Cathcart William). The harbours of South Africa; with special reference to the causes and treatment of sand-bars. With discussion and correspondence. illus. (Inst. of Civil Engineers. Minutes of Proc. v. 166, pp. 4–76. *London*, 1906.)

—— Report on the existing and proposed harbour improvements, Port Alfred ... 1901. *Cape Town: W. A. Richards & Sons*, 1901. 24 p., 2 plan. f°. (Cape Good Hope. Pub. Works Dept.)

Myrica (Pierre de). Le port d'Oran. Son développement rapide et son brillant avenir. (Jour. du monde. n. s. année 10, pp. 417–420. *Paris*, 1904.)

Argentine Republic.

Argentine Republic.—*Hacienda, Ministerio de.* Informe de la comisión de marinos encargada de estudiar el puerto de La Plata. *Buenos Aires: Impr. "La Universidad,"* 1891. 47 p., 3 pl. 8°.

—— *Navegación y Puertos, Inspección General de.* Concurso para la construccion y explotacion de un puerto comercial en la ciudad del Rosario. Documentos preliminares . . . Informe general. *Buenos Aires: G. Kraft*, 1900. Anexos A-C. 11 v. 4°. (Obras Publicas, Minist. de.)

Bateman (J. F.) Documentos relativos à las obras del puerto de Buenos Aires é informe del injeniero J. F. B. *Buenos Aires: Impr. del Siglo*, 1871. 101, xl p., 1 tab., 2 maps. 4°. (Buenos Aires, prov. Hacienda, Ministerio de.)

Buenos Aires (prov.)—*Obras Publicas, Ministerio de.* Memorias descriptivas sobre el proyecto de ensanche del puerto de La Plata encomendado al departamento de ingenieros de la provincia... *La Plata: Tall-Sesé y Larrañaga*, 1898. viii, 101 p., 1 l., 1 plan. 4°.

Dobson (J. M.) Buenos Ayres harbour works. ...*London: Inst. Civ. Eng.*, 1899. 75 p., 1 pl. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 138, pt. 4.

Australia.

Hafen (Der) von Fremantle in Westaustralien. 1 pl. (Annalen der Hydrographie u. maritimen Meteorologie. *Berlin*, 1898. 4°. Jahrg. 26, pp. 256–258.)

King (George A.) The port of Sydney, Australia. (Canadian Maga. v. 22, pp. 315–323. *Toronto*, 1904.)

New South Wales.—*Public Works, Committee on.* Report, together with minutes of evidence, appendix, and plan, relating to the proposed Glebe Island improvements ... *Sydney: W. A. Gullick, govt. prtr.*, 1900. 12, 118 p. f°.

—— —— Report, together with minutes of evidence, relating to the proposed breakwater at Byron Bay ... *Sydney: W. A. Gullick, govt. pr.*, 1901. 8, 107 p. f°.

—— *Public Works, Parliamentary Standing Committee on.* Report ... relating to proposed harbour works at Macleary river, 1898. *Sydney: W. A. Gullick*, 1898. 9, 41, 2, 34 p., 2 plan. f°.

Austria.

Lippert (Gustav). Die neuen Triester Hafenbauten. plate. (Ztsch. f. Volkswirt. Sozialpol. u. Verwaltung. v. 12, pp. 535–542. *Wien*, 1903.)

Harbors, cont'd.

Michel (Eduard). Der Hafen von Triest. 1 pl. (Ztschr. d. österr. Ingen. u. Architekten-Vereines. Jahrg. 56, pp. 629–635. *Wien*, 1904.)

Nádory (Nándor). Über die Ausgestaltung des Hafens von Triest nach dem Projekte 1903. (Ztschr. d. österr. Ingen. Jahrg. 57, pp. 561–566; 573–578. *Wien*, 1905.)

Azores.

Azores. Island of St. Michael. Porto artificial de Ponta Delgada na ilha de San Miguel, Azores. *Paris* [1867?]. il. sheet.

Belgium.

Gobert (A.) Les canaux maritimes et les ports de mer Belges. *Bruxelles: Impr. des Travaux Publics, Société Anonyme*, 1882. 59 p., 9 diagr., 3 maps, 1 pl.

Installations (Les) maritimes belges. [Notices sur les plans & modèles exposés dans le salon des ponts & chaussées. Exposition internationale de Paris 1900.] *Bruxelles: J. Strickaert-Deschamps*, 1900. 105 p., 1 l. 8°.

Antwerp.

Port works at Antwerp. (Board of Trade Jour. v. 30, pp. 582–583. *London*, 1900.)

Royers (G.), *and* Fr. de Winter. Les établissements maritimes de la ville d'Anvers et leurs diverses extensions. (Annales d. trav. pub. de Belgique. sér. 2, v. 9, pp. 548–578. *Bruxelles*, 1904.)

—— —— —— Construction de la nouvelle écluse maritime du Nord. 2 pl. (Annales, etc. sér. 2, v. 11, pp. 91–129. *Bruxelles*, 1906.)

Segers (Paul). Le port d'Anvers et ses extensions maritimes. 3 pl. (Rev. gén. année 40, v. 79, pp. 756–783. *Bruxelles*, 1904.)

Strauss (Louis). Le port d'Anvers. (Rev. d. Belgique. sér. 2, v. 50, pp. 287–302; v. 51, pp. 27–43. *Bruxelles*, 1907.)

Transformation (La) du port d'Anvers. 1 map. (Rev. écon. internat. v. 4, pp. 291–352. *Paris*, 1905.)

Bruges.

See Zeebruggen.

Brussels.

Bellet (Daniel). Le port de mer de Bruxelles. (Rev. scientif. (Rev. rose) sér. 4, v. 15, pp. 750–753. *Paris*, 1901.)

Roux (J. M.) Les nouvelles installations du port de Bruxelles. illus. (Génie civil. v. 50, pp. 169–174. *Paris*, 1907.)

Ostend.

Cadola (A.) Les travaux à l'air comprimé au port d'Ostende. 2 pl. (Annales d. trav. pub. d. Belgique. (sér. 2, v. 4, pp. 807–815. *Bruxelles*, 1899.)

Schueren ([P. S.] van der). Travaux exécutés récemment et en cours d'exécution à l'atterrage et au port d'Ostende. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 28 p., 4 chart, 1 plan. 8°. (viii. International Congress on navigation. sec. 3, ques. 7.)

Watrin (O.) Note sur l'exécution des travaux des nouvelles installations maritimes du port d'Ostende. 4 pl. (Rev. univers. d. mines, de la métallurgie d. trav. pub. sér. 3, v. 49, pp. 1–29. *Paris*, 1900.)

Zeebruggen.

Bruges (The) harbour works. (Engineering. v. 79, pp. 659–660; 693–695. *London*, 1905.)

Coiseau (L.) Les ports et le canal maritime de Bruges. 9 pl. (Mém. & compte rendu d. trav. Soc. d. ingén. civils de France. Dec. 1904, pp. 737–823. *Paris*, 1905.)

Dumas (A.) Les installations maritimes de Bruges et le port d'escale de Zeebrugge (Belgique). illus. 1 pl. (Génie civil. v. 51, pp. 193–199. *Paris*, 1907.)

Nyssens-Hart (J.), *and* C. Piens. Construction du môle du port d'escale de Zeebrugge. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 14 p., 1 l., 2 plan. 8°. (viii. International Congress on navigation. sec. 3, ques. 7.)

Also in English.

Piens (Ch.) L'écluse maritime du port de Zeebrugge. 4 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 9, pp. 421–435. *Bruxelles*, 1904.)

—— Le port d'escale de Zeebrugge. 2 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 5, pp. 7–16; v. 8, pp. 1155–1172. *Bruxelles*, 1900.)

Vernon-Harcourt (L. F.) The Paris navigation congress, 1900; recent works on the lower Seine; harbour works at Havre and Zeebrugge. *London*, 1901. 38 p., 1 pl. 8°.

From: Proc. Inst. Civil Engineers, v. 145, pt. 3.

Brazil.

Brazil.—*Carta Maritima, Repartiçao da.* Informaçoes sobre a barra e bahia de Guaratuba organisadas pelo... Henrique Boiteux. *Rio de Janeiro: Imp. Nacional*, 1903. 5 p. 8°.

—— *Obras Publicas Directoria.* Obras do porto de Pernambuco. Documentos referentes a' concessão feita por decreto h. 10. 157 de 5 de Janeiro 1889 para construcçao das obras de melhoramento do porto de Pernambuco. *Rio de Janeiro: Imprensa Nacional*, 1889. 125 p. f°.

Companhia (A) das Docas de Santos e a alfandega de S. Paulo. *Sao Paulo: Typ. do "Diario Official,"* 1896. 117 p. 8°. (Sao Paulo.)

Costa Couto (A. J. da). Conferencias sobre melhoramentos da barra do Rio Grande do Sul realizados no Club de Engenharia pelo... C. *Rio de Janeiro: Impr. nacional*, 1897. 51 p. 8°.

Hawkshaw (*Sir* John). Meloramento dos portos do Brasil. Relatorios de Sir J. H... *Rio de Janeiro: Typ. G. Leuzinger & Filhos*, 1875. 115 p., 10 maps. 4°. (Brazil. Rel. Ext. Minist. das.)

In English and Portuguese.

Harbors, cont'd.

Canada.

Canada (Dominion of).—*Privileges and Elections Committee.* Reports, relative to certain statements and charges made in connection with the tenders and contracts respecting the Quebec Harbour Works and the Esquimault Graving Dock, also relative to the resignation of Hon. Thomas McGreevy. with minutes of proceedings and evidence attached. v. p., 3 plans. *Ottawa: B. Chamberlain,* 1891. 8°. (House Jol. v. 25, app. 1.)

—— —— Same. Separate.

—— *Public Works Department.* Quebec Harbor Works, Esquimault graving dock, &c. Statements and correspondence in reference to. 55 p. *Ottawa: Brown Chamberlain,* 1890. 8°. (Sess. Papers. v. 23, No. 15.)

—— Same. Separate.

Eads (J. B.) Report on Toronto Harbour, 1882. 21 p. 1 map. *n. t.-p.* [1882] 8°. (Canada, Dominion of. Public Works Dept.)

—— Same. (In: Sess. Papers, v. 15, no. 10.)

Hogan (J. M.) Port Colborne harbour works. Description of design, methods and plant. [Discuss.] (Canadian Soc. of Civil Engineers. Transac. v. 19, pt. 1, pp. 144–163. *Montreal,* 1905.)

Montreal.—*Harbour Commissioners.* Reports on the improvement and enlargement of the harbour of Montreal by Messrs. McAlpine, Kirkwood, Childe, T. C. Keefer and Charles Legge, civil engineers. *Montreal: "Gazette" Prtg. House,* 1873. 82. 8°.

Pilkington (Woodford). On the methods adopted in carrying out dock and harbor works at Quebec... *London: The Inst.,* 1899. 10 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 139. Sess. 1899-1900. Pt. 1.

Ceylon.

Colombo (The) harbour works. (Engineer. v. 93, p. 355. *London,* 1902.)

Porto (Il) di Colombo. 1 pl. (Gior. d. gen. civ. Riv. d. Lavori pub. Anno 45, pp. 393–397. *Roma,* 1907.)

Chile.

Boloña (Nicanor), *and* D. Espinosa D. Atlas jeográfico de las ciudades i puertos de Chile. Publicación oficial de la Asociación Chilena de Aseguradores Contra-Incendio. [*Santiago: Imp. Lit. y Encuadernación,*] 1902. 3 p.l., 92 maps. ob. f°.

Chile.—*Hacienda, Ministerio de.* Reglamiento para el gremio de fleteros en el puerto de Valparaiso. *Santiago: Impr. Nacional,* 1861. 20 p. 12°.

Dantin (Ch.) Le port de Valparaiso. Projets d'amélioration et d'aggrandissement. 1 pl. (Génie civil. v. 45, pp. 177–182. *Paris,* 1904.)

Fagalde (Alberto). El puerto de Talcahuano i sus obras de mejoramiento... *Santiago de Chile: Imprenta i encuadernacion Roma,* 1895. xcvii, 1l., 180 p., 1 map, 4 plans, 2 pl., 2 ports. 8°.

Kraus (J.) Project for a military and commercial port at Talcahuano. *Paris: C. Schlaeber, prtr.,* 1896. 58 p., 1 map, 2 plans. 8°. (Chile. Obras Publicas Dept.)

China.

Germany.—*Seewarte, Direktion der.* Die wichtigsten Häfen Chinas... *Berlin: E. S. Mittler & Sohn,* 1901. xi, 282 p., 3 chart, 3 plan, 5 pl. 4°. (Deutsche Seewarte.)

Cuba.

Walker (Asa). Notes on Cuban ports. (Proc. U. S. Naval Inst. v. 26, pp. 333–340. *Annapolis,* 1900.)

Denmark.

Fischel (H.) Der neue Freihafen in Kopenhagen. (Oesterr. Eisenbahn-Zeitung. Jahrg. 22, pp. 217–219. *Wien,* 1899.)

Otterstrom (Chr.) Skagen Havn. 3 pl. (Ingeniören. Aarg. 13, pp. 133–136. *Köbenhavn,* 1904.)

Winkel (S.) Forslag til Lov om Esberg Havns Udvidelse. 1 map. (Ingeniören. Aarg. 16, pp. 104. *Köbenhavn,* 1907.)

Egypt.

Birault (C.) Le port d'Alexandrie, historique et travaux en cours d'exécution. (Génie civil. v. 46, pp. 81–86. *Paris,* 1904.)

France.

Barbé ( ). Travaux les plus récents exécutés dans les principaux ports français de la Mer du Nord, de la Manche, et de l'Océan. Rapport. *Paris: Imp. Gén. Lahure,* 1900. 1 p.l., 15 p., 3 plan. 8°. (VIII. International Congress on navigation. sec. 3, ques. 7.)

Also in English.

Cordemoy (C. de). Ports de mer. (Mém. et compte rendu des travaux de la Soc. d. ingénieurs civils de France. *Paris,* 1898. 8°. (Année 51, Ser. 5, Cinquantenaire 1848–1898. pt. 1, pp. 193–233.)

France.—Extrait des registres du Conseil d'Estat. Sur les diuerses plaintes qui ont esté faites...Le Roy...à ordonné & ordonne ausdits Officiers de l'Admirauté & autres Iuges exerçans les causes maritimes, chacun dans l'etenduë de son pouuoir, qu'...ils ayent à visiter & faire sonder... la profondeur des Haures, Rades, embouchures des Ports & Riuieres...faire enqueste sommaire de leurs deperissemens, & particulierement des lieux où des Maistres des Nauires...déchargent les Lests de leurs Vaisseux...Donné à Paris le 24. Ianuier ...1665...*n. t.-p.* 5 p. 8°.

—— Arrest du Conseil d'estat du Roy, Qui ordonne l'Imposition en 1730. sur les Vingt Generalitez des Pays d'Election, d'une somme...pour estre employée au curage...du Port...de la Rochelle, & à l'enlevement de la Barre du Port...de Bayonne. Du 19. Juillet 1729. [Colophon:] *Paris: Imp. Royale,* 1729. 4 p. 8°.

Harbors, cont'd.

—— Arrest du Conseil d'Estat du Roy. Qui ordonne l'Imposition en 1731, sur les Vinght Generalitez des Païs d'Election, d'une somme...pour être employée au netoyement du Havre...de la Rochelle, & à l'enlevement de la Barre du Port... de Bayonne. Du 20 Juin 1730. [Colophon:] *Paris: la Veuve Saugain*, 1731. 4 p. 8°.

—— *Travaux Publics, Ministère des.* Ports maritimes de la France. *Paris: Imp. Nationale*, 1874–99. 4°. v. 1–5; v. 6 pt. 1–2; v. 7 pt. 1, pt. 1 suite, pt. 2, pt. 2 1 sec.; v. 8 pt. 1–2.

—— —— —— Atlas. Planches 1–66. 2 v. f°.

With bibliographies.

Leroy-Beaulieau (Pierre). Les cotes et les ports français de l'océan. (L'écon. français. année 29, v. 1, pp. 137–139. *Paris*, 1901.)

Quinette de Rochmont (E. T.), *baron.* Maritime ports of France. (Amer. Soc. Civil Engineers. Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904, v. 1.) pp. 199–210. *New York*, 1905.)

Trouille (J. N.) Motion d'ordre sur les travaux maritimes des ports. [*Paris: Imprimerie Nationale*, 1796.] 20 p. 8°.

Bayonne.

Cavailles (H.) Le port de Bayonne. (Annales d. géog. Année 16, pp. 15–22. *Paris*, 1907.)

Boulogne-sur-Mer.

Chambre de Commerce de Boulogne-sur-Mer. Port de Boulogne. Travaux urgents d'extension. *Boulogne-sur-Mer: Soc. typ. et lithogr.*, 1901. 20 p., 1 plan. 4°.

—— Port de Boulogne. Bassin de marée. Pose de la première pierre par E. Loubet. *Boulogne-sur-Mer: Soc. typ. et lith.*, 1903. 1 p.l., 32 p., 4 ll., 2 plans. 8°.

Dunquerque.

Lahaussois ( ). Note sur les travaux de réfection des têtes des formes de radoub nos. 1 et 2 du port de Dunkerque. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 13, pp. 101–114. *Paris*, 1904.)

Havre.

Development (The) of the port of Havre. (Engineer. v. 104, pp. 358–361. illus. *Paris*, 1907.)

Lesouëf (Pierre Jules). Troisième rapport supplémentaire fait...ayant pour objet l'amélioration du port du Havre et de la basse Seine. Cartes. *Paris: P. Mouillot*, 1894. 4°. (France, Sénat: Session 1894, no. 138, année 1.)

Leugny (Georges). Les travaux d'amélioration du port du Havre. (Rev. technique annales d. trav. pub. & d. chemins de fer & de l'automobilisme. v. 20, pp. 124–128. *Paris*, 1899.)

Vallée (Léon). Le port du Havre. (Rev. de Géog. *Paris*, 1898. 8°. v. 43, pp. 241–263.)

Vernon-Harcourt (L. F.) The Paris navigation congress, 1900; recent works on the lower Seine; harbour works at Havre and at Zeebrugge... *London: Inst. Civ. Eng.*, 1901. 38 p., 1 pl. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 145, pt. 3.

La Rochelle.

Chambre de commerce de La Rochelle. Port en eau profonde de la Pallice-Rochelle à La Rochelle (Charente-Inférieur)...*La Rochelle: Typ. E. Martin*, 1893. 15 p., 2 maps, 1 plan. 8°.

Marseilles.

Batard-Razelière ( ). Travaux de construction du bassin de la Pinède. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 12, pp. 9–64. *Paris*, 1903.)

Dedessuslamare (Pierre). Mémoire sur les causes de l'encombrement du port de Marseille, et sur les moyens de le prévenir. Présénté à l'Académie de Marseille, le 27 messidor an 13, (16 juillet 1805). *Marseille: J. Achard, fils & Cie.*, 1806. 108 p., 1 pl. 8°.

Guérard (Ad.) Conference sur les grands travaux du port de Marseille. 8 plans. (Bull. de la soc. scient. indust. de Marseille. v. 26, pp. 1–46. *Marseille*, 1899.)

Nantes.

Rousiers (Paul de). Ports de France: Nantes. (Rev. de Paris. 1905, v. 5, pp. 132–152. *Paris*, 1905.)

Rouen.

Héduit (H.) Rapport sur le prix LIV. [Au meilleur mémoire sur l'histoire du port de Rouen, son avenir, ainsi que sur les moyens d'en développer la prospérité.] (Bull. de la soc. industrielle de Rouen. Année 30, pp. 184–233. *Rouen*, 1902.)

Sekutowicz (L.) La Seine maritime. Étude sur l'importance économique du port de Rouen. *Paris: Jour. Le Génie Civil*, 1903. 142 p., 1 l., illus., 1 map, 1 plan. 8°.

Saint Nazaire.

Aragon (E.) La nouvelle entrée du port de Saint-Nazaire. (Génie civil. v. 49, pp. 390–394; 416–420. *Paris*, 1906.)

New entrance channel at Saint Nazaire. (Engineer. v. 104, pp. 127. *London*, 1907.)

Tréport.

Herzog ( ). Notice sur les siphons du Tréport. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 13, pp. 10–74. *Paris*, 1904.)

Germany.

Schultz (Hans W.) Travaux d'extension et d'amélioration...dans les principaux ports de mer allemands. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 14 p., 1 l. 8°. (VIII. International Congress on navigation. c. 3., ques. 7.)

Also in English.

Bremen.

Ducrocq ( ). Les ports de Brême et de Bremerhaven. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 10, pp. 5–14. *Paris*, 1903.)

Lehmann-Felskowski (G.) Bremen und die Entwickelung der bremischen Häfen...*Berlin: Boll & Pickardt*, 1905. 54 p., 2 maps, 1 port. illus. f°.

Cuxhaven.

Lentz (Hugo). Der neue Hafen in Cuxhaven. 3 pl. in Atlas. (Zeitschr. f. Bauwesen. *Berlin*, 1898. 4°. Jahrg. 48, col. 383–416.)

Pl. 46–48 in Atlas.

Harbors, cont'd.

EMDEN.

Leber (E.) Die Emdener Hafenanlage. 1 pl. (Stahl u. Eisen. Jahrg. 26, pp. 513–522. *Düsseldorf*, 1906.)

HAMBURG.

Joly (de). Le port de Hambourg et L'Elbe maritime. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 10, pp. 15–70. *Paris*, 1903.)

Neuere (Die) Ausgestaltung der Hamburger Hafenanlagen. (Oesterr. Monatschr. f. d. öffentlichen Baudienst. Jahrg. 5, pp. 20–23. *Wien*, 1899.)

HARBURG.

Arndt (Leopold). Der Hafen zu Harburg und dessen in Ausführung begriffene Erweiterung. 1 pl. (Österr. Wochenschrift f. d. öffentl. Baudienst. Jahrg. 12, pp. 512–515. *Wien*, 1906.)

KOLBERG.

Benoit ( ), *and* ( ) ROLOFF. Baugeschichte des Hafens von Kolberg. pl. 15–16 in atlas. (Ztschr. f. Bauwesen. Jahrg. 49, col. 79–100; 249–270. *Berlin*, 1899.)

LÜBECK.

Labordière ( ). Le port de Lübeck. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 10, pp. 71–90. *Paris*, 1903.)

MANNHEIM.

Goupil ( ). Mannheim. Développements récents de ses ports et de ces gares. (Annales d. ponts et chaussées. ser. 8, v. 27, pp. 175–180. *Paris*, 1907.)

POMERANIA.

Wellmann (D.), *and* SANDMANN. Die seehäfen von Neuvorpommern. 2 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 54, col. 103–116. *Berlin*, 1904.)

RENDSBURG.

Hafen (Der) von Rendsburg. 2 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 54, col. 91–102. *Berlin*, 1904.)

STETTIN.

Krause (Friedrich). Neue Hafenanlagen in Stettin. pl. 12–14 in atlas. (Ztschr. f. Bauwesen. Jahrg. 49, col. 57–78. *Berlin*, 1899.)

Neuen (Die) Stettiner Hafenanlagen. (Archiv für Post und Telegraphie. *Berlin*, 1898. 8°. pp. 681–690.)

STOLPMÜNDE.

Zander ( ). Der Bau der neuen Molenköpfe am Hafen in Stolpmünde. 1 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 52, col. 537–546. *Berlin*, 1902.)

SWAKOPMUND.

Ortloff ( ). Der Bau des Hafens in Swakopmund. 2 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 54, col. 345–364; 669–692. *Berlin*, 1904.)

WARNEMÜNDE.

Reich-Sternberg ( ). Die neuen Hafenbauten in Warnemünde. (Deutsche Techniker Zeitung. Jahrg. 22, pp. 253–257. *Berlin*, 1905.)

Gibraltar.

Tizard (T. H.), *and* W. SHIELD. Gibraltar. Report on proposed eastern harbour and dock. With drawings. *London: Eyre & Spottiswoode*, 1903. 11 p., 5 maps. f°. (Gr. Br. Admiralty.) Cd. 1455.

Great Britain.

Austen (H. C. M.) The modern development of British fishery harbours. (Engineering. v. 83, pp. 167–171, 261–263, 542–543, 701–704; v. 84, pp. 38–40, 42. *London*, 1907.)

Barron (James). Some recently constructed piers and harbours on the north and west coasts of Scotland. *London: The Inst.*, 1889. 8 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 99. sess. 1889–90. Pt. 1.

British trade and English ports. By the author of "Depression of trade and agriculture: its cause and remedy." *London: W. Ridgway*, 1889. 64 p., 1 map. 8°.

Dupin (Francois Pierre Charles), *baron*. Narratives of two excursions to the ports of England, Scotland and Ireland, in 1816, 1817, and 1818; together with a description of the breakwater at Plymouth, and also of the Caledonian Canal. Translated from the French of C. D....and illustrated by notes, critical and explanatory, by the translator. *London: R. Phillips* [18—?]. viii, 96 p., 1 map, 1 pl. 4°.

Great Britain.—*Fisheries and Harbour Department.* Harbour authorities...Return "from the authorities of the harbours, &c....giving a description of works executed within the last twenty years, distinguishing piers, docks, dredging, lighting and buoying, other works, and giving the total cost of works under each head..." [&c.] *London: Eyre & Spottiswoode, prtrs.*, 1903. ix, 276 p. pap. f°. (H. of C. pap. 325. Trade, Bd. of.)

—— *Tidal Harbours Commission.* First report of the Commissioners. *London: W. Clowes & Sons, prtrs.*, 1845. xiv, 1 l., 216 p., 5 maps. f°.

—— —— Second report...with minutes of evidence, appendices, supplement and index. *London: W. Clowes & Sons, prtrs.*, 1846. 1 p.l., xvi, 92 a, 4 l., 638 p., 14 maps. f°.

Luiggi (Luigi). I porti di Hull, di Grimsby e di Goole sul fiume Humber...*Roma: Tip. del Genio Civile* 1890. 127 p., 1 l., 3 pl. 8°.

Repr.: Giornal del Genio civile...1890.

McKee (John). Extracts from the post office and admiralty reports upon the postal stations between Great Britain and the north of Ireland, and Treasury minute of August 15, 1856. [Preface signed by John McKee.] *London: Jones & Causton* [1857]. 16 p. 8°.

Marmion (Anthony). The ancient and modern history of the maritime ports of Ireland. *London*, 1860. 4. ed. 8°.

Martin (Kennett Beacham). On the necessity for harbours of refuge...in that part of the British Channel called "The Narrows"... *London: W. Kidd*, 1839. vi, 5–44 p. 8°.

Harbors, cont'd.

Matthews (William). Harbors of Great Britain. (Amer. Soc. Civil Engineers. Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904, v. 1.) pp. 159–180. *New York*, 1905.)

Stevenson (Robert). Excerpt from a "Memoir on British harbours," drawn up in the year 1824, with a plan. *Edinburgh*, 1827. 6 pp., 1 plan. 8°.

Published in the Edinburgh New Philosophical Journal for Oct.–Dec. 1827.

Thomas (F. S.) A letter addressed to the Lords Commissioners of Her Majesty's government; relative to the construction of harbours of refuge, and relative to the errors in our present mode of ship building: with a proposal to correct and amend our naval architecture. *London: Tosswill & Co.*, 1843. 12 p. 8°.

Vernon-Harcourt (Leveson Francis). Travaux les plus récent exécutés dans quelques-uns des principaux ports et rades Britanniques. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 30 pp., 1 l., 2 plan. 8°. (VIII. International Congress on navigation. sec. 3, ques. 7.)

Also in English.

Young (Archibald). Harbour accommodation for fishing boats on the east and north coasts of Scotland. *Edinburgh: W. Blackwood & Sons*, 1884. 36 pp. 8°.

BELFAST.

Bell (R. B.), *and* D. MILLER. Belfast harbours. Report upon the harbour and dock accommodation, and the general improvement of the port of Belfast. *Glasgow: Bell & Bain*, 1862. 40 p., 1 plan. 8°.

Giles (G. F. L.) Belfast harbour and its development. [Discussion.] 2 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 215–220. *London*, 1903.)

BLAKENEY.

Long (Sidney H.) Notes on Blakeney harbour past and present. [President's address.] 4 maps. (Norfolk & Norwich Naturalists Soc. Trans. v. 8 (pt. 3), pp. 333–337. *Norwich*, 1906–07.)

CORK.

Bell (R. B.), *and* D. MILLER. Cork harbour. Report upon the harbour and dock accommodation and the general improvement of the port of Cork. *Glasgow: J. McNab*, 1872. 26 p., 3 plan. 8°.

DOVER.

Coode (J. C.), *and* W. MATTHEWS. Dover harbour works. 1 pl. (Rept. 69 Meeting Brit. Assoc. for the Advance. of Sci. 1899, pp. 479–488. *London*, 1900.)

—— —— (Inst. of Mining Engineers. v. 19, pp. 488–461. *Newcastle-upon-Tyne*, 1900.)

Crundall (W. H.), *and* WORSFOLD MOWLL. The new harbour works at Dover. 2 charts. (Nineteenth Century. v. 50, pp. 844–851. *London*, 1901.)

—— Les nouveaux travaux du port de Douvres. (Marine française. année 14, pp. 509–520. *Paris*, 1901.)

Dover (The) harbour works. (Engineering. v. 75, pp. 774–779. *London*, 1905.)

Page (T. H.) Considerations upon the state of Dover-harbour, with its relative consequence to the navy of Great Britain. Dedicated to the several departments of the admiralty, ordnance, Cinque ports, commissioners of D—— Harbor, and inhabitants...of...Dover. To which is prefixed a letter addressed to the military association for the defence of...D. *Canterbury: The author*, 1784. vi, 29 p. sq. 4°.

Raleigh (*Sir* Walter). Discourse of seaports, principally of the port and haven of Dover. (Harleian Miscellany, Vol. 4, p 305.)

Walmisley (A. T.) Dover harbour works. (Public Wks. v. 5, pp. 165–192. *London*, 1905.)

Worthington (Lieut. B.) Proposed plan for improving Dover harbour, by an extension of the south pier head, &c. Also, copious extracts from various authors in support of the plan, and shewing the importance of Dover harbour from...its first construction... *Dover: W. Batcheller*, 1838. 1 p.l., iv, 5–174 pp., 7 plans. 8°.

DUBLIN.

Griffith (John Purser). The port of Dublin. [Discussion.] 4 pl. (Transac. Inst. of Naval Architects. v. 45, pp. 312–331. *London*, 1903.)

DUNDEE.

Buchanan (George Cunningham). The port of Dundee. With an abstract of the discussion upon the paper. Edited by J. H. T. Tudsbery. *London: The Inst. of Civil Engineers*, 1902. 41 (1) p., 2 pl. illus. 8°.

Repr.: Proc. Instit. Civil Engineers. v. 149, pt. 3.

DUNGENESS.

Dungeness harbour of refuge. Prospectus. (Private preliminary circulation.) *London: T. M. Vickery* [183–?]. 2 p., 1 plan. f°.

FOLKESTONE.

Folkestone new pier and harbour works. 1 pl. (Engineering. v. 78, pp. 37–39; 52. *London*, 1904.)

FRASERBURGH.

Austen (H. C. M.) The history of Fraserburgh Harbour. (Engineering. v. 83, pp. 701–704. *London*, 1907.)

GLASGOW.

[**Bell** (R. B.), *and* D. MILLER.] To the Belfast Harbour Commissioners. [A letter concerning improvements in the docks and harbour of Glasgow. Signed R. B. Bell and D. Miller.] [*Glasgow*, 1863.] 4 p., 1 plan. 8°.

GREENOCK.

Kinipple (Walter Robert). Greenock Harbour. *London: The Instit.*, 1897. 24 pp., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 130, sess. 1896–97, Pt. 4.

GREENWAY.

[**Thomas** (E. C. J.)] Harbours of refuge. Greenway breakwater. 10 p. [*London: C. F. Roworth, printer*, 1883.] 8°.

HARTLEPOOL.

Dodd (Ralph). Report on the various improvements, civil and military, that might be made in

Harbors, cont'd.

the haven or harbour of Hartlepool, as surveyed, at the request of the corporation. [*Newcastle?*] 1795. 1 p.l., 17 p. 8°.

HEYSHAM.

Abernethy (George Neill). The Midland Railway Company's harbour at Heysham, Lancaster. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 166, pp. 229–242. *London*, 1906.)

HOLYHEAD.

Evans (H.) Observations on the local advantages and security of Holyhead harbour. *Liverpool* [1836]. plan. 8°.

LEITH.

Christie (R.) Remarks on statement by the committee of Leith dock and harbour commissioners, on the affairs of the port. *Edinburgh: Neill & Co.*, 1835. 18 p. 8°.

—— Report on the erroneous views and statements contained in an appendix to the report by the commissioners of municipal corporations in Scotland regarding the harbour and docks of Leith. *Edinburgh: Neill & Co.*, 1835. 21 p. 8°.

Cubitt (W.) Report on the harbor and docks of Leith, and the projected new harbours and docks in its vicinity. With an appendix. *Leith: R. Allardice*, 1834. 23 p., 2 maps. 8°.

Edinburgh.—*City Council.* Statement made at a general meeting held in the council chamber, Edinburgh ... for the purpose of taking into consideration the best and most effectual means of improving the water and harbor of Leith, and the internal resources of the city and county of Edinburgh. *Edinburgh: University Press*, 1834. 12 p. 8°.

Milne (John). Observations on the tidal currents at Leith; with plans for the improvement of the port, &c. *Edinburgh: the Author*, 1835. 31 p., 1 map. 8°.

—— Plans for the improvement of the port of Leith; with observations on the tidal currents... *Edinburgh: A. & C. Black*, 1835. 32 p., 1 map. 2. ed. 8°.

—— Mr. Milne's letter to Archibald Thomson, Chairman of the Edinburgh Merchant Company committee on Leith Harbor. Wiih report of the committee, etc. *n. t.-p.* [*Edinburgh*, 1840?] 24 p. 8°.

[**Peterkin** (A.)] Remarks on the proceedings of the Leith Dock Commission,...1828 [by A. Peterkin]. *Edinburgh: A. Macredie*, 1828. 57 p. 8°.

Walker (J.), *and* W. CUBITT. Leith harbour & docks. Plans and reports for the improvement of Leith harbour, and treasury minutes and other documents connected therewith. Edinburgh, Commissioners for harbour and docks of. *Leith*, 1839. 34 p., 3 diag. 8°.

Whyte (Peter). Leith docks reclamation embankment. *London: The Inst.*, 1899. 4 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 139, sess. 1899–1900. Pt. 1.

LIVERPOOL.

Lyster (Anthony G.) Travaux récemment exécutés et en projet au port de Liverpool. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 12 p. 1 map, 2 pl. 8°. (VIII. International Congress on navigagation. sec. 3, ques. 7.)

Also in English.

Mersey bar and channels of approach to Liverpool. (Engineer. v. 94, pp. 45. *London*, 1904.)

LOWESTOFT.

Lowestoft Harbour of Refuge. Prospectus. (Private preliminary circulation.) *London: T. Vickery*, 1836. 2 p., plan. f°.

NORWICH.

Warning (A) voice to the projectors...of the plan for making Norwich a port; with a chart shewing the relative situation of Yarmouth and Lowestoft roads... *Yarmouth: W. Meggy*, 1823. 34 p., 1 chart. 8°.

ORFORDNESS.

Wise (C.) A plan of the proposed harbour at Orfordness. [With explanation.] *London: C. Ingrey*, 1836. 6 p., 1 plan (28½x21½ in.) 8°.

The explanation is in lithograph.

PENZANCE.

Twigg (Robert Harkness). Penzance harbour and docks. *London: The Inst.*, 1899. 10 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng., v. 139, sess. 1899–1900. Pt. 1.

PORTLAND.

H. (J. H.) Correspondence relative to the expediency of forming a refuge harbour within the Portland and Start Bay. Also, some observations on the formation and shifting of the shingle, with an account of a sunken vessel, lately discovered in the estuary of the Ax. [Signed, J. H. H.] *London: J. Hatchard & Son*, 1839. 2 p.l., 7–31 p. 8°.

PORTSMOUTH.

Rendel (James Meadows), Report on the proposed steam-packet harbour and docks in the port of Portsmouth. *London: Mills & Son*, 1840. 15 p., 1 map. 8°.

SCARBOROUGH.

Chapman (William). Report on the harbour of Scarborough, and on the means for its improvement. *Scarborough*, 1800. pl. sq. f°.

SWANSEA.

Capper (R.) Development of the port of Swansea. *Londou: Inst. Civ. Eng.*, 1891. 10 p.

Excerpt: Proc. Inst. Civ. Eng. v. 103, pt. 1.

TEIGNMOUTH.

Spratt (Thomas Abel Bremage). An investigation of the movements of Teignmouth bar. *London: J. Weale*, 1856. 36 p., 2 charts. nar. 12°.

TYNEMOUTH.

Proceedings on a deputation relative to the construction of a harbour of refuge at the river Tyne. March 6. and 7., 1854. *Gateshead: W. Douglas*, 1824. 32 p. 8°.

Greece.

Ulrichs (Heinrich Niclas). Topographie der Häfen von Athen. (Kön. Bayer. Akad. d. Wiss. Abh. Philos. Philol. Kl. iii. Bd. 3. Abth. pp. 645–676, 2 maps. *München*, 1843. 4°.)

Hawaii.

Bradford (Gershom). Table of depths for channels and harbors, coasts of the United States,

Harbors, cont'd.

including Porto Rico, the Hawaiian Islands, and the Philippine Islands. *Washington: Govt. Prtg. Office*, 1900. 141 p. pap. 4°. (U. S. Coast & Geodetic Survey. Bull. no. 36. 2. ed.)

India.

Development (The) of Bombay Harbour. (Engineer. v. 97, pp. 181–182. *London*, 1904.)

Italy.

Cialdi (Filippo). Difesa contro gli attachi diretti ed indiretti che si appongono alla ripristinazione del gia tanto classico porto di Fiume nel canale di Ostia. *Roma: Fratelli Monaldi*, 1868. 54 p. 8°.

Fea (Carlo). Ristabilimento: I. Della città d'Anzio, e suo porto Neroniano. II. Della città d'Ostia coll' intero suo Tevere. III. Modo facile di seccare le Paludi Pontine. *Roma: Stamperia della R. Cam. A.*, 1835. 2 p.l., vi, 56 p., 4 maps. 8°.

Giaccone (P.) Notice sur les travaux les plus importants exécutés dans quelques ports d'Italie. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 10 p., 1 l. 8°. (VIII. International Congress on navigation. sec. 3., ques. 7.)

Also in English.

Italy.—*Marina, Ministero della.* Monografia storica dei porti dell' antichità nella penisola Italiana. *Roma: Off. Poligrafica Italiana*, 1905. 5 p.l., (1), 6–398 p., 1 l., 1 diagr., 3 maps, 3 plans. f°.

Quinette de Rochemont ( ), *and* G. de Joly. Les ports maritimes d'Italie. (Annales d. ponts et chaussées, pt. 1. Pt. tech. ser. 8, v. 22, pp. 144–234. *Paris*, 1906.)

Rasi (Giovanni Battista). Sui due rami Tiberini di Fiumicino e di Ostia e sui porti di Claudio e di Trajano: osservazioni di Giovanni Battista Rasi ... Con quattro piante rilevate dall' Architetto Luigi Canina, e loro indice. *Roma: Tipografia Perego-Salvioni*, 1830. xvi, 150 p., 1 l., 1 port. 8°.

Civitavecchia.

[**Rossi** (Roberto de), *and* Alessandro Cialdi.] Disegno per l'ingrandimento de miglioramento del porto di Civitavecchia. [*Civitavecchia*, 1861.] 40 p., 2 plans. sq. 4°.

Genoa.

Antonelli (G. B.) Notice sur les derniers travaux exécutes aux ports de Génes et de Venise. 5 pl. (Annales d. trav. public de Belgique. ser. 2, v. 7, pp. 7–44. *Bruxelles*, 1902.)

Bernardini (Oddone). Sui danni prodotti dal maremoto del 27 novembre 1898 e sui lavori di riparazione e rinforzo alle opere di difesa del porto di Genova. 2 pl. (Giornale de genio civile. anno 39, pp. 665–692. *Roma*, 1902.)

Ehrenfreund (Edilio). Gli impianti e l'esercizio del porto di Genova. 2 pl. (Giornale del genio civile. Anno 40, pp. 296–352. *Roma*, 1902.)

Genoa.—*Giunta Municipal.* Convenzioni fra il governo ed il municipio di Genova riguardante l'eseguimento di opere portuali e ferroviarie nel porto. [*Genova:*] *Stab. dei Fratelli Pagano*, 1897. 42, xxxiii p., 5 maps. f°.

—— *Lavori Marittimi, Ufficio dei.* Corpo Reale del Genio Civile. Porto di Genova, 1891. *Imola: Tip. d'Ignazio Galeati e Figlio*, 1892. vi, 111 p., 2 tab. f°.

—— *Lavori Portuali e Ferroviari, Commissione sui.* Relazione della Commissione eletta dal Municipo e dalla Camera di Commercio di Genova per l'esame dei-progetti di lavori portuali e ferroviari relativi alla esecuzione della Convenzione 19 gennaio 1901. Addizionale a quella del 20 agosto, 1898, passata fra il Governo, il Municipio, e le Casse di Risparmio, di Genova, e delle Province Lombarde Lavori portuali. [*Genova*, 1901.] xxx p., 1 diag., 1 plan. 4°.

Genoa harbour works. (Engineering. v. 81, pp. 69–70. *London*, 1906.)

I **lavori** di ampliamento del porto di Genova. (Boll. d. Soc. d. ingegneri e d. architetti ital. anno 13, pp. 788–796; 804–811; 817–826. *Roma*, 1905.)

Opere d'ampliamento del porto di Genova e vie di communicazione. (Annali d. soc. degli ingegneri e degli architetti ital. Bullettino. anno 10, col. 585–593. *Roma*, 1902.)

Naples.

Coen Cagli (Enrico). Sui movimenti del mare e sul completamento delle difese foranee nel porto di Napoli. 2 pl. (Giornale del genio civile. Parte non ufficiale. *Roma*, 1898. 8°. Anno 36, pp. 549–631.)

Ravenna

Moretti (Umberto). Per la storia del Porto-Corsini di Ravenna. (Cong. internaz. di sci. storiche. 1903, Atti, v. 10, sez. 6: (Storia della geog.) pp. 171–197. *Roma*, 1904.)

Rimino.

Bianchi (Giovanni). Parere sopra il porto di Rimino. *Pesaro: D. Ricci*, 1765. 16 p. 8°.

Chillenio (Marco). Lettera del Signor Marco Chillenio ad un suo amico, la quale serve d'appendice al parere dato dal Signor Dottor Bianchi sopra del porto di Rimino. *Pesaro: D. Ricci*, 1765. 16 p. 8°.

Rome.

Necessitá di rendere Roma porto di mare e ricerca sul modo meno costoso per conseguire l'intento. *Torino: Fratelli Bocca*, 1892. 2 p.l., 76 p., 1 map. 8°. (Collezione di opuscoli scientifici e politici. N. 1.)

Venice.

Antonelli (G. B.) Notice sur les derniers travaux exécutés aux ports de Génes et de Venise. 5 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 7, pp. 7–44. *Bruxelles*, 1902.)

Luzzatto (E.), *and others.* Il porto di Venezia, Studio di nuove opere marittime. [By] E. Luzzatto, L. Marangoni [and] M. Oreffice. *Venezia: C. Terrari*, 1905. 63, (1) p., 1 l., 1 diag., 4 plans, 1 tab. f°.

Marzocchi (C.) Ampliamento del porto commerciale di Venezia. 6 maps. (Rivista di artiglieria e genio. 1905. v, 3, pp. 205–224. *Roma*, 1905.)

Rossi (Luigi Vittorio), *and* Giacinto Turazza. Intorno all' aforismo idraulico "Gran laguna fa gran porto" (Studio preliminare teorico sul problemo lagunare). Diagrams. (R. istituto veneto. Atti, v. 63, pt. 2, pp. 1185–1219. *Venezia*, 1904.)

Harbors, cont'd.

Japan.

Lavori portuali al Giappone. 1 pl. (Giorn. del genio civile. Anno 41, pp. 570–575. *Roma*, 1904.)

Shima (S.) Concrete blocks at Osaka harbour works, Japan. 7 pl. (Amer. Soc. Civil Engineers. Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904, v. 1,) pp. 221–236. *New York*, 1905.)

Java.

Batavia.—*Kamer van Koophandel en Nijverheid.* Eene zeehaven voor Batavia. Verzameling van officielle bescheiden. *Batavia: H. M. van Dorp & Co.*, 1872. xv, 422, v pp., 1 map. nar. 8°.

Mediterranean.

Allezard (Jean Joseph), *and others.* Recueil de 163 des principaux plans des ports et rades de la Mediterranée... *Livourne: J. Gamba*, 1833. 1 p.l., 1 pl., 180 maps, 1 l. obl. 12°.

Cialdi (Alessandro). Nozioni preliminari per un trattato sulla construzione dei porti nel Mediterraneo. *Roma: Cotta e Comp.*, 1874. 178 p., 1 l., 4 plans. 8°.

Repr.: Rivista Marittima. Oct., 1874.

Quinette de Rochemont ( ), *baron.* Note sur les travaux exécutés dans quelques ports de la Méditerranée. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 16 pp., 2 plans. 8°. (VIII. International Congress on navigation. Sec. 3., ques. 7.)

Mexico.

Harbor (The) improvements at Salina Cruz, Mexico. illus. (Engineering Rec. v. 55, pp. 400–402. *New York*, 1907.)

Harbor (The) work at Tampico, Mexico. (Engineering Rec. v. 44, pp. 76–77. *New York*, 1901.)

Improvement (The) of the port of Manzanillo, Mexico. (Engineering News. v. 53, pp. 157–159. *New York*, 1905.)

Tehuántepec railway and the harbors at its ocean terminals. (Engineering News. v. 56, pp. 1–3. *New York*, 1906.)

Netherlands.

Caland (Abraham). Ontwerp voor eene zeehaven te Scheveningen, voorafgegaan door eenige bedenkingen op de daartoe reeds ingezondene ontwerpen. *Middelburg: J. C. & W. Altorffer*, 1860. xi, 122 p., 1 diag. 8°.

Diggelen (B. P. G. van). Groote werken in Nederland. Zeehavens voor Amsterdam en Rotterdam, bedijking van de Zuiderzee, enz. *Zwolle: W. E. J. Tjeenk Willink*, 1855. 1 p.l., 67 p. 8°.

Jong (Dirk de). Atlas van alle de zee-havens der Bataafsche Republick. *Amsterdam: J. Allart*, 1802. 1 p., 28 pl. f°.

Jongh (G. J. de). Le port de Rotterdam... *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 32 p., 1 map. 4°. (VI. International Inland Navigation Congress. Question 2.)

Memorie en beschrijvende begrooting betreffende den aanleg van eene haven te Scheveningen. *n. t.-p.* [*'s Gravenhage?* 1858?] 24 p., 1 map, 2 plans. 8°.

Schuurmann (J. A.) Le port d'Amsterdam. [Traduit par F. de Bruille.] *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 23 p., 1 map. 4°. (VI. International Inland Navigation Congress. Question 2.)

Stukken betreffende den aanleg van eene Zeehaven te Scheveningen. *'s Gravenhage: Geb. J. & H. van Langenhuysen*, 1859. iv, 1 l., 64 p., 4 pl. 8°.

Wortmann (H.) Harbour development in Holland. 4 pl. (Amer. Soc. Civil Engineers. Transac. v. 54, pt. A. (Internat. Engineering Cong. 1904, v. 1), pp. 181–198. *New York*, 1905.)

New Zealand.

Barr (George Morrison). Improvement of the entrance to Otago harbour, New Zealand. *London: The Inst.*, 1892. 22 p., 1 l., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 110, sess. 1891. Pt. 4.

—— Otago upper harbour improvement works, New Zealand. *London: The Inst.*, 1895. 10 p., 1 l. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 121, sess. 1894–95. Pt. 3.

Rawson (T. H.) Westport harbour, N. Z., wave basin. *London: Inst. Civ. Eng.*, 1899. 5 p. 8°.

Excerpt: Proc. Inst. Civ: Eng. v. 136, pt. 2.

North America.

Quinette de Rochemont ( ), *and* H. VETILLART. Les ports maritimes de l'Amérique du Nord sur l'Atlantique. *Paris: C. Dunod*, 1898–1904. [v.] 1–3. 5 v. 8° and obl. f°.

v. 1. Les ports canadiens. Text and atlas. 2 v. 1898.
v. 2. Régime administratif des vois navigables et des ports aux États-Unis. 1902.
v. 3. Les ports des États-Unis. Text and atlas. 1904.

Peru.

Peru.—*Obras Publicas, Ministerio de.* Estudios relativos al puerto y muelle de Salaverry. *Lima: Imp. La Industria*, 1897. 43 p., 1 map. 8°.

Philippines.

Bradford (Gershom). Table of depths for channels and harbors, coasts of the United States, including Porto Rico, the Hawaiian Islands, and the Philippine Islands. *Washington: Govt. Prtg. Office*, 1900. 141 p. pap. 4°. (U. S. Coast and Geodetic Survey. Bull. no. 36. 2. ed.)

Portugal.

Mendès Guerreiro (J. V.) Travaux les plus récents exécutés dans les principaux ports littoraux ou maritimes du Portugal. Rapport. *Paris: Imp. Gen. Lahure*, 1900. 1 p.l., 12 p. 2 map, 6 plan. 8°. (VIII. International Con-Congress on navigation. sec. 3. ques. 7.)

Russia.

Kaiser (The) Alexander III. harbour at Libau. (Jour. Roy. United Service Institut. v. 43, pp. 890–899. *London*, 1899.

Russia.—*Ministerstvo Putei Soobshcheniya Kommissiya po ustroisvy kommercheskikh portov.* Materialy dlya opisaniya russkikh kommercheskikh portov i istorii ikh sooruzheniva. Vypusk XXVII. Sostavil V. Yu. Rummel. *St. Petersburg*, 1899. 2 v. 8°.

Harbors, cont'd.

—— —— —— Vypusk XXVIII. Vindavski port sostavil M.A. *St. Petersburg*, 1899. 34 p., 9 maps, 6pl. 8°.

Spain.

Churruca (Evaristo de). Bilbao river and harbor. (Engineering. v. 72, pp. 460–463. *London*, 1901.)

Coiseau (L.) Travaux du port extérieur de Bilbao. 1 pl. (Mém. et compte rendu d. trav. de la Soc. d. Ingénieurs civils de France. Bull. sér. 5, année 1900, v. 2, pp. 31–91. *Paris*, 1900.)

Garcia Faria (Pedro). Travaux récents effectués dans les ports de Barcelone et de Bilbao. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 25 p., 1 l., 1 map, 2 plan. 8°. (VIII. International Congress on navigation. sec. 3., ques. 7.)

Sulla costruzione d'una nuova diga di difesa del porto di Barcellona. 2 pl. (Giorn. del genio civile. Anno 43, pp. 633–645. *Roma*, 1905.)

Trinidad.

Trinidad and Tobago.—*Public Works Department.* Port-of-Spain harbour works. Progress report to 31. Dec., 1898. *Trinidad: Govt. Prtg. Office*, 1899. 3 p. f°. (Council paper 15 of 1899.)

—— —— Same. To June 30, 1899. (Council paper 100 of 1899.)

Tunis.

Leugny (G.) Les ports tunisiens. (Rev. tech. v. 21, pp. 313–318. *Paris*, 1900.)

Turkey.

H. ( ). Die neuen Hafenwerke von Haïdar-Pascha gegenüber Stambul. (Ztschr. d. Vereins deutsch. Ingen. v. 48, pp. 57–60. *Berlin*, 1904.)

United States.

Material included in the Reports of the United States Army Engineers is not noted here, the printed indexes to these reports covering the field very fully.

Bradford (Gershon). Table of depths for channels and harbors, coasts of the United States. *Washington: Govt. Prtg. Off.*, 1897. 109 p. 4°. (U. S. Coast and Geodetic Survey. Bull. no. 36.)

—— Table of depths for channels and harbors, coasts of the United States, including Porto Rico, the Hawaiian Islands, and the Philippine islands. *Washington: Govt. Prtg. Office*, 1900. 141 p. pap. (U. S. Coast and Geodetic Survey. Bull. no. 36. 2. ed.)

Gillette (Cassius E.) Seacoast harbors in the United States. 2 pl. (Amer. Soc. Civil Engineers, Transac. v. 54, pt. A. (Internat. Engineering Congr. 1904 v. 1) pp. 207–324. *New York*, 1905.)

Inter-State Deep-Harbor Convention. Abstract of the proceedings. 1888–1889. *Topeka*, 1889. 8°.

1888 pub. at Denver.

—— Third Inter-State Deep-Harbor Convention to be held at Topeka, Kansas, October 1, 1889. Facts and statistics showing the advantages of a deep harbor on the gulf coast of Texas. *Topeka*, 1899. 8°.

Parke (John G.) Laws of the United States relating to the improvements of rivers and harbors from August 11, 1790, to March 3, 1887, with a tabulated statement of appropriations and allotments. *Washington: Govt. Prtg. Office*, 1887. 579 p. 8°. (U. S. Engineer Bureau.)

—— —— Same. (U. S. 49. Cong., 2. sess. S. misc. doc. 91.)

Quinette de Rochemont ( ), *and* H. VÉTILLART. Les ports maritimes de l'Amérique du Nord sur l'Atlantique. *Paris: C. Dunod*, 1898–1904. [v.] 1–3. 5 v. 8°.

v. 1. Les ports Canadiens [Text and atlas.] 2 v.
v. 2. Régime administratif des voies navigables et des ports aux Etats-Unis.
v. 3. Les ports des Etats-Unis. Text and atl. 2 v. 1904.

River and Harbor Convention, St. Paul, 1885. Official report of the proceedings of the River and Harbor Convention, held in St. Paul, Minn., on September 3d and 4th, 1885. *St. Paul: Pioneer Press Co.*, 1885. 192 p. 8°.

River and Harbor Improvement Convention, Tuscaloosa, 1885. Memorial and proceedings of the... Convention, assembled at Tuscaloosa, Alabama, November 17th, 1885... concerning the coal, iron and agricultural resources of Alabama, East Mississippi and West Georgia... *Cincinnati: Ohio Valley Press*, 1886. v, 68 p., 1 map. 8°.

United States.—*Coast and Geodetic Survey.* Table of depths for harbors on the coasts of the United States. *Washington: Govt. Prtg. Office*, 1883. 124 p. 4°. (Treasury Dept.)

Appendix 7, Ann. Rept. 1883.

—— *Register of the Treasury.* Alphabetical list of the ports of the United States, *Washington: Govt. Prtg. Office*, 1876. 36 p. (Treasury Dept.)

Water front engineering in American cities. (Engineering Rec. v. 40, pp. 126–128; 150–151; 172–175; 198–199; 224–226. *New York*, 1899.)

Watt (D. A.) Notes on the improvement of river and harbor outlets in the United States. [With discussion.] 6 pl. (Amer. Soc. Civil Engineers. Transac. v. 55, pp. 288–321. *New York*, 1905.)

California.

Bartnett (Walter J.) The harbors of California. Some suggestions as to their improvement and administration. *San Francisco: Dettner-Travers Press*, 1906. 21 p. 8°.

California.—*Commerce and Navigation Committee.* Report relative to port and harbor of Monterey. January 22, 1850. [*San José: J. Winchester, state prtr.*, 1850.] v. p. 8°. (App. Sen. Jol. 1. sess. p. 566. doc. OO.)

—— *Bulkhead Committee.* Majority report of the special committee on the bulkhead. [Recommending the passage, with amendments, of a bill allowing the construction, by a private company, of a bulkhead along the water front of San Francisco.] [*Sacramento: Chas. T. Botts, State prtr.*, 1861.] 6 p. 8°. (App. Sen. Jol. 12. sess. doc. [13])

—— —— Same. Minority report. (In: App. Sen. Jol. 12. sess. doc. [14])

—— *Harbor Commissioners.* Report of T. R. Brooks,... and table of soundings along the water front of the city of San Francisco... March, 1866. *San Francisco: Towne & Bacon, prtrs.*, 1866. 8 p. pap. 8°.

Harbors, cont'd.

—— *Harbor Commissioners, Committee to, Investigate Proceedings of.* Report [favorable] of joint committee proceedings relative to the state harbor commissioners [with particular notice of the sea-wall of San Francisco]. *n. d.* [*Sacramento: D. W. Gelwicks, state prtr.*, 1868.] 20 p. 8°. (App. Sen. and Ass. Jols. 17. sess. v. 2. [doc. 7.])

—— *Federal Relations Committee.* Report... concerning the improvement of the harbor of San Diego. [Recommending the turning of the San Diego River into False Bay.] *n. d.* [*Sacramento: D. W. Gelwicks, state prtr.*, 1868.] 5 p. 8°. (App. Sen. and Ass. Jols. 17 sess. v. 2. doc. 25.])

—— *Commerce and Navigation, Committee on.* Report [favorable]... relative to substitute for Senate bill no. 534—[an act to provide for the speedy completion of the sea wall in the Harbor of San Francisco, and reduction or abolition of certain tolls, dockage and wharfage]. [*Sacramento: D. W. Gelwicks, state prtr.*, 1870.] 2 l. 8°. (App. Sen. & Ass. Jols. 18 sess. v. 2. doc. [32])

—— *Senate.* Concurrent resolution relative to the erection of a breakwater at Wilmington harbor, to which is appended a report and map, prepared by Gen. B. S. Alexander, U. S. A. [*Sacramento: D. W. Gelwicks, state prtr.*, 1870.] 11 p., 1 map. (App. Sen. & Ass. Jols. 18. sess. v. 2. doc. [40])

—— *Santa Cruz Harbor and Salinas Slough Examination Commission.* Report of the commissioners appointed to examine the harbor of Santa Cruz and Salinas Slough, in the bay of Monterey. Feb. 26. [*Sacramento: D. W. Gelwicks, state prtr.*, 1870.] 7 p., 1 chart. 8°. (App. Sen. & Ass. Jols. 18. sess. v. 3. doc. [46])

—— *Commerce and Navigation Committee.* Report [favorable]...on free wharfage for California agricultural products [using a portion of the state's interest in San Francisco harbor. *Sacramento: D. W. Gelwicks, state prtr.*, 1870.] 4 p. 8°. (App. Sen. & Ass. Jols. 18. sess. v. 3. doc. [53])

Fries (Amos A.) San Pedro harbor. (Out West. v. 27, pp. 301–331. illus. 1 pl. *Los Angeles*, 1907.)

United States.—*Deep-water Harbor Board.* Report...by the board appointed to locate a deep-water harbor for commerce and refuge at Port Los Angeles or at San Pedro, Cal....with plans... [etc.] Apr. 1, 1897. *Washington: Govt. Prtg. Office*, 1897. 1 p l., 330 p., 5 charts, 4 diag., 6 maps, 14 plans, 10 pl. 8°. (War Dept. 55. Cong. 1. sess. Sen. doc. 18.)

—— *War Department.* Deep-water harbor at Port Los Angeles or at San Pedro, Cal., Letter of the Sec. of War in reference to... *Washington: Govt. Prtg. Office*, 1897. 230 p., 19 diagr., 10 maps, 10 pl. 8°. (55 Cong. 1. sess. Senate doc. 18.)

Willard (C. D.) The free harbor contest at Los Angeles. An account of the long fight waged by the people of Southern California to secure a harbor located at a point open to competition. *Los Angeles, Cal.: Kingley-Barnes & Neuner Co.*, 1899. 1 p.l., 5–212 p. 8°.

GEORGIA.

Cooper (A. S.) Savannah harbor. 1 pl. (Wisconsin Engineer. v. 5, pp. 40–50. *Madison*, 1901.)

Facts in favor of deepening the river and harbor at Savannah, Georgia, from 26 to 28 feet at mean high water...[*Savannah: M. S. & D. A. Byck*,] 1900. 65 p., 1 tab. 8°.

Harbor Improvement Convention. Proceedings of the annual meeting 1st. (1885) *Savannah*, 1885. 8°.

Story (The) of the Savannah harbor work. (Engineering News. v. 43, pp. 304–306. *New York* 1900.)

ILLINOIS.

Wilcox (R. B.) The river and harbor of Chicago. With discussion. (Jour. Western Soc. of Engineers. v. 5, pp. 499–535. *Chicago*, 1900.)

INDIANA.

Contractor's (The) plant and methods on the harbor work at Gary, Ind. illus. (Engineering Rec. v. 56, pp. 166–168. *New York*, 1907.)

LAKE ERIE.

Kingman (Dan. C.) Harbors on Lakes Erie and Ontario. 4 pl. (Amer. Soc. Civil Engineers. Trans. v. 54, pt, A. (Internat. Engineering Congr. 1904, v. 1) pp. 237–262. *New York*, 1905.)

LAKE SUPERIOR.

Gaillard (David Du B.) Harbors on Lake Superior, particularly Duluth-Superior harbor. 3 pl. (Amer. Soc. Civil Engineers. Transac. v. 54, pt. A. (Internat. Engineering Cong. 1904, v. 1) pp. 263–296. *New York*, 1905.)

MAINE.

Portland.—*Portland Harbor Commissioners.* Reports (1–2) of the commissioners...accompanied by statistics of commerce, railways, &c., of the state of Maine, and city of Portland, and by proceedings and correspondence of the city government. 1854–55. *Portland*, 1855. pap. 8°.

MASSACHUSETTS.

Massachusetts. — *Harbor Commissioners.* Annual reports, 1–11. (1867–77). *Boston*, 1867–77. 8°.

—— *Boston Harbor Survey Commission.* Report of the commissioners for the survey of Boston harbor. [*Boston*, 1837.] 26 p., 1 map. 8°. (Senate. No. 47.)

—— *Boston Harbor Commission.* Report of the commissioners for fixing the line of private property in Boston Harbor. [*Boston*, 1840.] 28 p. 8°. (Senate. [Doc.] No. 8. 1840.)

—— *Flats in Boston Harbor Commission.* Report of the commissioners on the rights and duties of the Commonwealth in relation to the flats in the harbor of Boston. January, 1850. *n. p., n. d.* 72 p. 8°. (Senate doc. 3.)

Boston.—*Boston Harbor Committee.* Report of the joint standing committee on Boston harbor for the year 1852. *Boston*, 1853. 8°.

Massachusetts.—*Mystic River, Boston Harbor and Dorchester Bay Commissioners.* Report of the commissioners on Mystic River, Boston Harbor and Dorchester Bay. 1854. [*Boston: W. White, state prtr.*, 1855.] 80 p. 8°. (Senate. No. 63, 1855.)

—— *Boston Harbor Commission.* Acts and resolves relating to the lands in the Back Bay, with a

Harbors, cont'd.

list of the commissioners and reference to the reports. *Boston: W. White, state prtr.*, 1859. 20, 3 p. pap. 8°.

Boston.—*Harbor Commissioners.* Occupation of the South Boston flats. [*Boston,*] 1866. 19 p. 1 map. 8°. (City doc., 97.)

Massachusetts.—*Flats and Water Areas, Committee on.* Report relative to the flats and water areas of the commonwealth, by the committee under the order of the House of Representatives, June 17, 1869. *Boston: Wright & Potter, state prtrs.*, 1870. 82 p., 1 plan. pap. 8°.

—— *Harbor and Railroad Joint Commission.* Report of the joint commission (Harbor Commissioners and Railroad Commissioners) on the subjects referred to them by Chap. 301, Sec. 2, Acts of 1870. *Boston: State Prtrs.*, 1871. 46 p., 5 pl., 1 tab. 8°. (Senate 179.)

United States.—*Commission on Boston Harbor.* Report of the Commissioners on Boston Harbor. *Boston*, 1860–66. 8°.

Massachusetts.—*Cape Cod Harbor Committee.* Report of the Committee on Cape Cod Harbor appointed under chapter 84 of the resolves of 1857. *Boston: W. White, state prtr.*, 1857. 26 p., 1 diagr. 8°. (Public doc. 36.)

—— —— Report of the commissioners appointed under...the resolves of 1867 in relation to Cape Cod Harbor at Provincetown. *Boston: Wright & Potter, state prtrs.*, 1868. 28 p. pap. 8°. (H. doc. 50.)

MINNESOTA.

Minnesota.—*Governor's Message, Committee on.* Report of the select committee, to which was referred that part of the message of the Governor of Minnesota, relating to Duluth, as a harbor and port of entry. *Saint Paul: Pioneer Book and Job Prtg. Co.*, 1870. 21 p. 8°.

NEW JERSEY.

Joint Water Ways Committee of the Newark, Elizabeth [and other] Boards of Trade...Minutes and report...November, 1897. [*Newark*, 1897.] 7 p. 8°.

New Jersey.—*Crow Shoal Harbor Committee.* Report of the committee appointed...March 15, 1872, to secure the construction of artificial harbor at Crow Shoal,...together with the report of the United States Engineer. *n. p.* [1872] 21 p. 8°.

NEW YORK.

For material on New York City harbor see the list of works on the subject printed in the BULLETIN for April, 1901, volume 5, pages 167–172.

Buffalo.—*Harbor Committee.* Report of the committee in relation to an increase of harbor facilities at the city of Buffalo. Approved...Aug. 21, 1847. *Buffalo: Jewett, Thomas & Co.*, 1847. 54 p., 1 map. 8°.

OHIO.

Cleveland (The) harbor. Addresses made before the committee on rivers and harbors; House of Representatives, U. S., Washington, January 31, 1896. Prefaced by pertinent facts and graphic statements. *n. p.* [1896?] 36 p., 1 l. 8°. (Cleveland Chamber of Commerce.)

OREGON.

Harts (William W.) Description of Coos Bay, Oregon, and the improvement of its entrance by the government. With discussion. 2 pl. (Amer. Soc. of Civil Cngineers. Trans. v. 46, pp. 482–550. *New York*, 1901.)

PENNSYLVANIA.

Webster (George S.) The improvement of the Delaware River and harbor, and the landing facilities of the port of Philadelphia. [illus.] (Jour. Franklin Inst. v. 160, pp. 161–179. *Philadelphia*, 1905.)

SOUTH CAROLINA.

Bache (Alexander Dallas). Report on the harbor of Charleston, to the Chamber of Commerce. *Charleston, S. C.: Councell & Daggett*, 1852. 30 p. 8°.

TEXAS.

Corpus Christi and Padre Island Harbor Company, of Texas. Prospectus. [*San Antonio?* 1889.] 41 p. 4°.

Cover reads: "A deep water harbor on the Gulf of Mexico."

Haupt (Lewis Muhlenberg). The Galveston harbor problem. *n. t.-p. n. p.* [1891?] 13 p. 8°.

Repr.: Journal of the Franklin Institute, October, 1891.

—— How to obtain a deep water port on the Gulf. *n. t.-p. n. p.* [189–?] 16 p. 8°.

WASHINGTON.

Mehring ( ), *and others.* Die Puget-Sund-Häfen. Von Mehring, Teschner, Grapon, und Shoemaker. (Annalen d. Hydrographie u. Maritimen Meteorologie. Jahrg. 29, pp. 483–502. *Berlin*, 1901.)

WISCONSIN.

Newton (W. H.) Report to the Governor of Wisconsin for special survey of Superior Harbor. Nov. 22, 1872. *Madison: Atwood & Culver, printers*, 1872. 29 p. 8°. (Wis. State Dept.)

Uruguay.

Michaelsson (Florencio). Informe sobre el reconocimiento de los fondos. *Montevideo: Dornaleche y Reyes*, 1898. 35 p. 4°. (In: Uruguay. Fomento, Ministerio de. Memoria 1895/6. Anexo 2.)

Pellegrini (Carlos Enrique). Memoria elevada al Exmo. Gobierno de la Republica Oriental del Uruguay sobre el establecimiento de un nuevo muelle, y la consiguiente formacion de un puerto abrigado, en la bahia de Montevideo. *Montevideo: Imprenta de la Independencia*, 1833. 25 p. 8°.

Pérez (Ezequiel G.) Estudio legal de las propiedades cercanas al puerto de Montevideo... *Montevideo: Dornaleche y Reyes*, 1897. vii, 507 p., 1 diag. pap. 4°. (In: Uruguay. Fomento, Ministerio de. Memoria, 1895/6. Anexo 2.)

Ros (Francisco J.) Curvas de profundidad en los fondos de la bahia de Montevideo...*Montevideo: Dornaleche y Reyes*, 1898. 14 p. 4°. (In: Uruguay. Fomento, Ministerio de. Memoria 1895/6. Anexo 2.)

Uruguay.—*Fomento, Ministerio de.* Ley y decreto reglamentario para los estudios definitivos del puerto de Montevideo...*Montevideo: "La Razón,"* 1894. 16 p. pap. 12°.

—— —— Puerto de Montevideo. Gestiones efectuadas para llevar à cabo los estudios definitivos y el proyecto de las obras... *Montevideo: Impr. "La Razón,"* 1895. 126, iv p., 1 l. 8°.

Harbors, cont'd.

—— —— Commission of surveys and studies for the port of Montevideo...*Montevideo:* "*La Razón,*" 1896. iii, 111 p., 2 maps. pap. 8°.

—— —— Same, in French. *Montevideo*, 1896. 111 p., 2 maps. 4°.

—— —— Estudios relativos al puerto de Montevideo. *n. p.* [1897 ?] 1, 3–67 sheets, 2 plan. f°.
Sheet 2 missing.

—— —— Proyecto definitivo de las obras del puerto. *n. p.* [1897 ?] 3–33 sheets, 1 map, A-D plans. f°.
Title of map: Red. general de los ferro-carriles de la Republica de Uruguay, 1897.
Sheet 1 and 2 missing.

—— —— Puerto de Montevideo. 4 v. (In: Memoria 1895/6. *Montevideo*, 1897. 4°. (Anexos 1–3, 6.)

—— —— Memorandum relativo á la cuestion puerto en la bahia de Montevideo...*Montevideo: Imp.* "*El Siglo,*" 1898. 96 p., 1 map. pap. 4°.

—— *Statutes.* Leyes sobre construcción del puerto de Montevideo y creación de los recursos necesarios para su ejecución y decretos reglamentorios. *Montevideo: Imp.* "*La Nacion,*" 1899. 27 p. pap. 8°.

—— —— Leyes sobre construcción del puerto de Montevideo y creación de los recursos necesarios para su ejecucion...*Montevideo:* "*La Nacion,*" 1899. 84 p., 1 plan. pap. 8°.
In Spanish, French, English, German, and Italian.

—— *Fomento, Ministerio de.* Memorándum relativo à la cuestion puerto en la bahia de Montevideo...*Montevideo:* "*La Nacion,*" 1899. 58 p., 1 map. pap. 8°.

—— —— Construction du port de Montevideo. *Paris: Imp.... des Chemins de Fer*, 1900. 2 pts. pap. f°.

—— —— Ceremonia inaugural de las obras del puerto de Montevideo...1901. *Montevideo:* "*La Nacion,*" 1901. 53 p., 1 plan, 16 pl. 8°.

IRRIGATION.

American Society of Irrigation Engineers. Annual of the Society for 1892/93. *Denver*, 1894. 8°.

—— Transactions. v. 2, no. 1, 3 (1895–97). *Denver*, 1895–97. 8°.
v. 2, no. 1, has binder's title "Quarterly."

Bennett (Herbert J.) The Truckee-Carson irrigation project. (Scientif. Amer. v. 93, pp. 216–217. *New York*, 1905.)

Bombay Presidency.—*Public Works Department.* Irrigation projects for the Bombay Presidency tank at Ekrookh, near Sholapore...*Bombay: Education Society's Press*, 1866. 1 p.l., 104 p., 1 map. 8°. (Selections from the records of the Bombay Government. Irrigation series. [v. 1,] no. 1.)

—— —— Same. *Bombay*, 1867. 1 p.l., 49 p., 2 maps. 8°. (Selections from the records of the Bombay Government. Irrigation series. v. 2, no. 1.)

—— —— Irrigation projects for the Bombay Presidency. Land in the Paihra and Godavery valleys, near Newasse, in the Ahmednuggur Collectorate. (The Lakh project. With a map and plans. Plans in a separate case. *Bombay: Pearse & Sorabjee*, 1866. 91 p., 1 l., 4 plans. 8°. (Selections from the records of the Bombay Government. Irrigation series. [v. 1.] no. 3.)

Buckley (Robert Burton). The irrigation works of India and their financial results ... *London: W. H. Allen & Co.*, 1880. vii, 198 p., 1 map, 3 tab. 8°.

Brown (Enos). The Truckee-Carson reclamation project. (Scientif. Amer. Suppl. v. 60, pp. 24829–24830. *New York*, 1905.)

Brown (*Sir* Hanbury) Irrigation engineering. (Engineer. v. 100, pp. 377; 403–404; 431–432; 455–456. *London*, 1905.)

—— Irrigation under British engineers [in India and Egypt]. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr., 1904), v. 54, Pt. C., pp. 3–32. *New York*, 1905.)

—— Nile irrigation. (Engineer. v. 98, pp. 243–244; 267–268; 289–290; 313–314; 337. *London*, 1904.)

—— Irrigation: its principles and practice as a branch of engineering. *London: A. Constable & Co.*, 1907. xv, 301 p., 9 pl. 8°.

Bruijn (H. de). Iets over bevloeijingen op Java. Redevoering ... *Leyden: De Breuk & Smits*, 1870. 52 p. 8°.

Brunhes (Jean). Étude de géographie humaine. L'irrigation; ses conditions géographiques, ses modes, et son organisation dans la Péninsule ibérique et dans l'Afrique du Nord. *Paris: C. Naud*, 1902. xvii, 580 p., 6 maps. 4°.

Buck (C. H.) Canal irrigation in the Punjab. (Geog. Jour. v. 27, pp. 60–67. *London*, 1906.)

Buckley (R. B.) Irrigation works in India and Egypt. *New York: Spon*, 1893. maps, plans, pl. nar. 4°.

Carter (Oscar C. S.) The government irrigation project at Roosevelt dam, Salt River, Arizona, illus. (Franklin Inst. Jour. v. 163, pp. 277–302. *Philadelphia*, 1907.)

Charpentier de Cossigny (J. F.) Hydraulique agricole...*Paris: Baudry & Cie.*, 1889. 2. éd. rev. et augm. xii, 399 p. ill. 8°. (Encyl. des Trav. Publ.)

Clibborn (J.) Roorkee treatise on civil engineering. Irrigation work in India. *Roorkee: Thomason Civil Eng. Coll. Press*, 1901. xii, 311, xlii, xxxii, 4 charts, 5 maps, 60 pl. 8°.

Flynn (P. J.) Irrigation canals and other irrigation works, incl. the Flow of water in irrigation canals... v. 1–2. *San Francisco, Cal.*, 1892. 2 v. in 1. pl. sm. nar. 4°.
"Flow of water" with separate title-page.

Fleming (B. P.) The measurement of water for irrigation. [*Laramie*, 1902.] 57–118 p. 8°. (Wyoming. Agric. Exper. Station. Bull. 53.)

Fortier (Samuel). Carrying capacities of irrigation canals. *Logan: Smith, Cummings & Co.*, 1900. 55 p. 8°. (Utah. Agric. Exper. Station, Bull. 71.)

—— Conveyance of irrigation canals, flumes, and pipes. *Washington: Govt. Prtg. Office*, 1901. 86 p., 1 diagr., 14 pl. 8°. (U. S. Geolog. Surv. Water-supply and Irrigation Papers. no. 43.)

Irrigation, cont'd.

Gates (C. L.) Irrigation works in Arizona. (Assoc. of Engineering Soc. Jour. v. 37, p. 157–162. *Boston*, 1906.)

Girardin (Paul). L'irrigation dans la péninsule ibérique et dans l'Afrique du Nord. illus. maps. (Géographie, v. 6, pp. 101–114. *Paris*, 1902.)
Discussion of a recent work by Jean Brunhes.

Gorria (Hermenegildo). Memoria del proyecto de los pantanos de Hijar en construccion. 4 pl. (Anales de obras pub. Mem. y doc... v. 8, pp. 5–238. *Madrid*, 1880.)

Great Britain.—*Foreign Office*, Despatch from His Majesty's agent and Consul-General at Cairo inclosing a report as to irrigation projects on the Upper Nile, &c., by Sir William Garstin. *London: Harrison & Sons, prtrs.* [1901.] 1 p.l., 58 p., 12 maps. f°. Cd. 672. (Egypt. no. 2 (1901).)

Great (A) irrigation project in the Punjab. (Engineer. v. 99, pp. 156–158. *London*, 1905.)

Hall (William Hammond). Irrigation in California. The field, water-supply and works, organization and operation in San Diego, San Bernardino, and Los Angeles Counties. *Sacramento: J. D. Young*, 1888. 672 p., 3 maps, 29 pl. 8°. (California. Engineer.)

Hardesty (W. P.) The Truckee-Carson project of the United States Reclamation Service. illus. (Engineering News. v. 41, pp. 391–401. *New York*, 1906.)

Higgins (Jorge). Memoria del canal de Riego derivado del rio Esla, construido por la Compañia Ibérica de Riegos. 3 pl. (Anales de obras pub. Mem. y doc. ... v. 5, pp. 139–278. *Madrid*, 1878.)

India.—*Irrigation Commission.* East India (irrigation). Report of the Indian Irrigation Commission, 1901–1902. *London: Darling & Son, Ltd., prtrs.*, 1903. 4 v. pap. f°. Cd. 1851; 1852; 1853; 1854.

—— The irrigation conference, Simla. *Calcutta: Supt. Govt. Prtrg.*, 1905. 3 v. pap. bds. f°.

Irrigation Congress: Utah Statistics Committee. Irrigation statistics of the territory of Utah, with matters relative thereto. Compiled...for the Irrigation Congress, to be held at Salt Lake City, Utah, Sept. 15–17, 1891. *Salt Lake City*, 1891. vi, 7–36 p. 8°. (Utah. State Dept.)

Irrigation (The) Age. v. 3–4, v. 5 no. 1–7, v. 6, v. 7 no. 1–3, v. 8–10, v. 11 no. 3, v. 12–15, 18–date. (Index v. 1–4.) *Chicago*, 1892–date. f° and 4°.)
Current.
Various places of publication.

Irrigation (The) works of the Modesto and Turlock districts, Cal. (Engineering Rec. v. 50, pp. 328–330; 369–370. *New York*, 1904.)

Irrigation works on the Nile. The Assouan reservoir and dam. 1 pl. (Engineer. v. 89, pp. 480–481; 535–536. *London*, 1900.)

Johnson (Francis Robert). South African irrigation. [With discussion.] (Amer. Soc. Civil Engineers. Transac. v. 52, pp. 1–35. *New York*, 1904.)

Larminie (J. C.) The irrigation system of the Godavari deltas, Madras presidency. (Public Works. v. 6, pp. 65–81. *London*, 1905.)

Leighton (M. O.) Engineering construction by the United States Reclamation Service. [Discuss.] 3 pl. (Jour. New Eng. Water Wks. Assoc. v. 20, pp. 127–151. *Boston*, 1906.)

Lévy-Salvador (P.) Hydraulique agricole ... Partie 1, 3. *Paris: C. Dunod & P. Vicq*, 1886–98. 2 v. 12°. (Bibliothèque du conducteur de travaux publics.)

McKinney (Hugh Giffin). Projects for water conservation, irrigation and drainage in New South Wales. (Roy. soc. of New South Wales. Jour. and Proc. v. 35, pp. 223–242. *London*, 1902.)

Martin (Henry). Siphon en béton armé du Rio Sosa sur le canal d'Aragon et Catalogne (Espagne). 1 pl. (Génie civil. v. 50, pp. 329–334. *Paris*, 1907.)

Mead (Elwood). Administration of streams in irrigation. (Jour. West. Soc. of Engineers. v. 8, pp. 88–99. *Chicago*, 1903.)

—— Irrigation in the United States. 1 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr., 1904.) v. 54, pt. C., pp. 83–110. *New York*, 1905.)

—— —— (Engineering Rec. v. 42, pp. 178–179. *New York*, 1900.)

—— Plans of structures in use on irrigation canals in the United States; from drawings exhibited by the office of experiment stations at Paris in 1900 and at Buffalo in 1901. 51 p. 22 pls. ob. 8°. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 131. *Washington*, 1903.)

—— *and others.* Irrigation works. An informal discussion. Subject: "Should the national government undertake the construction and operation of irrigation works?" (Amer. Soc. Civil Engineers. Transac. v. 49, pp. 24–44. *New York*, 1902.)

Meijier (J. E. de). Bevloeiingen. *'s Gravenhage: Gebr. von Cleef*, 1891. xv, 463 p., 1 l. and atlas of 36 pl. 8°, f°. (Waterbouwkunde. Deel 17.)

—— Irrigation in Java. 6 pl. (Amer. Soc. of Civil Engineers. Transac. (Internat. Engineering Congr., 1904.) v. 54, pt. C., pp. 33–82. *New York*, 1905.)

Moncrieff (Alexander B.) Report on water conservation schemes. *Adelaide: C. E. Bristow, prtr.*, 1897. 40 p., 1 map. 8°. (South Australia, Engineer-in-chief.)

Mullins (John). Irrigation manual. xxiii, 223 p., 105 pl. folded. *London: E. & F. N. Spon*, 1890. f°.

National Irrigation. [Monthly.] v. 6, nos. 1, 4–5, 9–10. (1901.) *Washington*, 1901. 4°.

National Irrigation Congress. Official proceedings. no. 11–13. (1903–1905.) *Galveston, Tex.*, 1904–1905. 8°.
No. 13. Pub. in Portland, Ore.

New irrigation projects for Egypt and the Soudan. (Builder. v. 87, pp. 196–199. *London*, 1904.)

Irrigation, cont'd.

Newell (Frederick Haynes). Irrigation in the United States. *New York: T. Y. Crowell & Co.* [cop. 1902] xix, 417 p., 62 pl. 8°.

—— Proceedings of second conference of engineers of the reclamation service. With accompanying papers. *Washington: Govt. Ptg. Off.*, 1905. 267 p. 8°. (U. S. Geological Survey. Water-Supply and Irrigation Papers. No. 146.)

Odling (C. W.) Observations on irrigation works in India. [Discussion.] (Jour. of Transac. of Victoria Inst. v. 36, pp. 148–174. *London*, 1904.)

Palmer (G.) Tank irrigation in Central India. (Engineering Maga. v. 15, pp. 59–67; 289–300. *New York*, 1898.)

Patch (Walter W.) The Belle Fourche irrigation works, South Dakota. (Engineering News. v. 55, pp. 210–212. *New York*, 1906.)

Periyar (The) dam and irrigation works, southern India. (Engineering News. v.46, pp. 298–303. *New York*, 1901.)

Preston (Sidney). Recent irrigation in the Punjab. [Discussion and correspondence.] 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 153, pp. 142–213. *London*, 1903.)

Rio Verde Canal Company, of Phœnix, Arizona. Report of D. W. Campbell, on the storage irrigation system. *Faribault, Minn.*, 1898. 1 p.l, 22 p. 12°.

Ryon (A. M.) Devices for obtaining a constant flow in laterals with variable heads in the main canals or reservoirs. *Bozeman: The Avant Courier, prtrs.*, 1896. 49–58 p. 8°. (Montana. Agric. Exper. Sta. Bull. 11.)

Salvador (Paul Lévy). Irrigation and hydraulic motors used in irrigation in France. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr. 1904.) v. 54, pt. C., pp. 111–128. *New York*, 1905.)

South Africa from an engineer's point of view. Irrigation: a disappointing situation. (Engineer. v. 95, pp. 281–282 and 287. *London*, 1903.)

Stotherd (C. E.) Irrigation works in the Jeypore state, Rajputana, India. *London: Inst. Civ. Eng.*, 1899. 14 p. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 138, pt. 4.

Stow (J. Freebairn). Irrigation works in South Africa. [Discussion.] (Soc. of Engineers. Transac. 1901. pp. 159–172. *London*, 1902.)

Taylor (L. H.) [Specifications and bids for construction of the Truckee canal, taking water from Truckee River to the lower Carson reservoir site.] (Dept. of the Inter. U. S. Geol. Survey. Proc. 1st Conference of Engineers of the Reclamation Service. 1904, pp. 186–204. *Washington*, 1904.)

Teele (Ray P.) Government construction of irrigation works. (Jour. of Polit. Econ. v. 10, pp. 394–408. *Chicago*, 1902.)

Trask (F. E.) The irrigation system of Ontario, California—its development and cost. 4 pl. (Amer. Soc. Civil Engineers. Proc. v. 31. pp. 264–270. *New York*, 1905.)

Re-issued, revised, in the annual vol. of Transactions.

United States.—*Foreign Commerce Bureau.* Canals and irrigation in foreign countries. (U. S. Foreign Commerce Bureau. Special consular reports. *Washington*, 1891. 8°. v. 5., 1 p.l., v, 3–501 pp., 7 diagr., 7 maps, 2 plans, 5 pl.)

Van Dyke (T. S.) Unprofitable irrigation works. (Irrigation Age. *Chicago*, 1898. 8°. v. 12, pp. 254–259; 278–284; 305–311; 334–338; v. 13, pp. 11–16; 45–50; 84–90; 117–122.)

Vollmer (George Frederick). An example of irrigation in the arid regions of the United States. (Inst. Civil Engineers. Min. of Proc. v. 162, pp. 363–369. *London*, 1905.)

Wilson (Allan), *and others.* Irrigation in India and in Spain... 1. On irrigation in India, by Allan Wilson: 2. On the benefits of irrigation in India, and... the...construction of...canals, by Thomas Login: 3. Irrigation in Spain, by George Higgin.., edited by James Forrest... *London: W. Clowes & Sons*, 1869. 1 p.l., 100 p., 5 pl., 1 tab. 8°.

Repr. Proceedings of Inst. of Civil Engineers. v. 27, 1867–8.

Wilson (Herbert Michael). Irrigation engineering. *New York: J. Wiley & Sons*, 1903. xxiii, 573 p. 24 pl. 4. ed. 8°.

—— Pumping water for irrigation. *Washington: Govt. Prtg. Office*, 1896. 57 p., 9 pl. 8°. (U. S. Geol. Survey. Water-supply and irrigation papers, no. 1.)

Walch (George T.) The engineering works of the Gódávari delta: a descriptive and historical account. Compiled for the Madras government. *Madras: The Superintendent, Govt. Press*, 1896. 2 v. 4°. (Madras. Public Works Department.)

Zimmler (Emil). Studien über nordamerikanische Bewässerungsanlagen. 1 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 10, pp. 40–48. *Wien*, 1904.)

Jetties.

See Breakwaters; Harbors; Rivers.

Laboratories.

Allen (Charles M.) The hydraulic testing laboratory of the Worcester Polytechnic Institute. (Engineering Rec. v. 53, pp. 425–427. *New York*, 1906.)

B. (R.) Le laboratoire d'hydraulique fluviale de l'Institut technique de Carlsruhe. 1 pl. (Génie civil. v. 42, p. 200–203. *Paris*, 1903.)

Bovey (H. T.), *and* J. T. Farmer. Hydraulic laboratory, McGill University...*n.t.-p. Montreal*, 1898. 1 p.l., 20 p., 4 pl. 8°. (McGill University. Papers from the department of engineering, no. 2.)

Durand (William F.) The equipment of the canal of the hydraulic laboratory of Cornell University for experimental work on the resistance and propulsion of ships. 3 pl. (Sibley Jour. of Engineering. v. 16, pp. 141–149. *Ithaca*, 1902.)

Engels (H.) Das Flussbau-Laboratorum der Königl. Technischen Hochschule in Dresden. 3 pl. in Atlas. (Ztschr. f. Bauwesen. Jahrg. 50, pp. 343–359. *Berlin*, 1900.)

Laboratories, cont'd.

Engels (H.) Über den Zweck, den technischen und wirtschaftlichen Wert des Dresdener Flussbau-Laboratoriums. (Oesterr. Ingenieur- u. Architekt. Verein. Ztschr. Jahrg 59, pp. 365–370, 385–389, 405–410. *Wien*, 1907.)

Fuertes (E. A.) The hydraulic laboratory of Cornell University. 5 pl. (Jour. New Eng. Water Wks. Assoc. v. 14, pp. 195–205. *Boston*, 1900.)

Hydraulic (The) experiment station of Cornell University. (Engineering News. *New York*, 1899. f°. v. 41, pp. 130–133.)

Hydraulic (The) laboratory of Lafayette college. (Engineering Rec. v. 40, pp. 718–720. *New York*, 1899.)

Massie (J. H.) The Cornell hydraulic laboratory. (Engineering Rec. *New York*, 1899. f°. v. 39, pp. 299–302)

Mead (D. W.) The new hydraulic laboratory at the University of Wisconsin. [Illus.] (Wisconsin Engineer. v. 10, pp. 148–167. *Madison*, 1906.)

New (The) hydraulic and cement testing laboratories at the University of Pennsylvania. illus. (Engineering Rec. v. 54, pp. 433–435. *New York*, 1906.)

LEVEES, DIKES, EMBANKMENTS, ETC.

See also RIVERS.

Algemeen reglement voor de polders in de Provincie Zuid-Holland. [*'s-Gravenhaag:*] *de 's Gravenhaagsche Boek-en Handelsdrukkerij*, 1899. 1 p.l., 39 p. 8°.

Bleiswyk (P. van). *De aggeribus. *Lugduni Batavorum*, 1745. 8°.

Conard (J.) Notice sur un système de revêtement en dalles à emboitements pour la consolidation des talus des digues des canaux et rivières et des digues de mer. 1 pl. (Annales d. trav. pub. de Belgique. sér. 2, v. 8, pp. 1173–1177. *Bruxelles*, 1903.)

Coppée (H. St. L.) Standard levee sections. 1 pl. (Amer. Soc. of Civil Engineers. Transac. v. 39, pp. 191–207. *New York*, 1898.)

DeWitt (W. R.) Revetment work on the Missouri River: Chicago & Alton Ry. (Engineering news. v. 47, pp. 450–452. *New York*, 1902.)

Diggelen (B. P. G. van). Een woord over de vraag: Wat zijn rijpe gronden? *Zwolle: W. E. J. Tjeenk Willink*, 1851. 22 p. 8°.

Donker (Cornelis Petrus). *Iets over dijk-en polderlasten. *Amsterdam: Brinkman & Vander Meulen*, 1886. 5 p.l., xiii–xvi, 116 pp. 8°.

Faber (J. G. A.) Bedenkingen tegen het ontworpen reglement, omtrent het dragen der kosten van den Noorder Y-en zeedijk ... *Hoorn: Gebr. Vermande*, 1851. 40 pp. nar. 8°.

Goes (A. van der). *De aggerum et aquarum curatorum collegio in Delflandia. *Lugduni Batavorum*, 1832. x, 2 l., 97 pp. 8°.

Harrod (B. M.) The levees of Louisiana, their condition and requirements. [signed B. M. Harrod.] *n. p.*, [1878?] broadside.

Huysman (H.) Méthode pour la défense des digues et des dunes, système de Muralt. Note. illus. 4 pl. (Annales d. travaux publics de Belgique. ser. 2. v. 12, pp. 155–164. *Bruxelles*, 1907.)

Iron Dike and Land Reclamation Co. Facts concerning the reclamation of swamps and marsh lands, and the strengthening of river levees and banks of canals, etc., etc., by means of an iron dike. *New York*, n. d. pl. 8°.

Johnstone (John). Sketch of chap. xiii, of the general report of Scotland, on embankments. *Edinburgh: Abernethy & Walker*, 1813. 3 p.l., 63 p., 5 maps. 8°. (Scotland Board of Agriculture.)

Kerr (Frank M.) Levees, with special reference to the Red river system. (Jour. Assoc. of Engineering Soc. *Philadelphia*, 1899. 8°. v. 21, pp. 295–310.)

Kümmer (U. N.) Essai sur les travaux de fascinages et la construction des digues. *Bruxelles*, 1849. Atlas obl. 4to. Texte 4to.

Lernet (A.) Uferschutz bei Wildwässern. (Zeitschr. d. oesterr. Ingenieur- u. Architekten Vereines. Jahrg. 52, pp. 87–88. *Wien*, 1900.)

Louisiana.—*Levee Commission of Engineers.* Report,...Sess. of 1867, 72, 75–76. *New Orleans*, 1867–76. 8°.

Matthes (Gerard H.) The dikes of Holland. (National Geog. Maga. v. 12, pp. 219–234 *New York*, 1901.)

Memorial of the people of Louisiana to the Congress of the United States. *n. t.-p. n. p.* [186–?] 8 pp. 8°.

Memorie, of deductie, ende bewijs, dat de landen van de provintie van Utrecht, resorterende onder Zeeburgh, gelegen tusschen Amsterdam, en Muyden, niet gehouden zijn te contribuëren in soodanige uyt geschotene penningen, als ... de ... Staten van Hollandt ende VVest Vrieslandt van deselve landen komen te eysschen, ende trachten (by executie) in te vorderen. [*Utrecht?*] 1688. 20 pp. 4°.

Nasporingen betrekkelijk de geschiedenis der voormalige Middelzee in Friesland; door P. Brouwer... en W. Eekhoff. Met eene voorrede en kaart uitgegeven door W. van Peyma... *Leeuwarden: L. Schierbeek*, 1834. xxiv, 119 pp. nar. 8°.

Opperdves Alewijn (P.) Memorie, houdende omstandig-critische-beschouwingen en bezwaren, ten opzigte van het reglement, op het dragen der kosten van den Noorder Y-en zeedijk, van den 7. September 1847, goedgekeurd bij koninklijk besluit van 27. November 1851, No 57., in verband met het reglement...goedgekeurd...22. November 1845, No. 135. [Dedication signed P. Opperdoes Alewijn.] *Purmerende: J. Schuitemaker*, 1856. 84 pp. 8°.

Ordinaris keuren op den Lecken-dyck, benedens-dams. By de...dijck-graef ende hooge heemraden vanden Lecken dijck benedens-dams, gearresteert, gerenoveert ende gecorrigeert op den 26. Janij 1682. *Utrecht: W. van Paddenburgh*, 1682. 6 l. 4°.

Perilli ( ). Banchine di cemento armato a Porto Corsini. 1 pl. (Giorn. d. genio civile. Anno 42, pp 101–105. *Roma*, 1904.)

Levees, cont'd.

Pharr (Harry N.) The St. Francis levee districts of Arkansas and Missouri. (Engineering News. v. 47, pp. 24–26. *New York*, 1901.)

Plasschaert (L. A.) Beknopt praktisch leerboek der oever-, strand-, duin-, en dijksverdediging ...met atlas. *Amsterdam: C. A. J. van Dishoeck*, 1902. 2 v. 8°, ob. 8°.

Ramaer (J. C.) Geographische geschiedenis van Holland bezuiden de Lek en Nieuwe Maas in de middeleeuwen. 311 p. 4 maps. (Koninkl. akad. van wetenschappen. Verhandel. Afd. Letterkunde. n. s. v. 2, No. 3 *Amsterdam*, 1898.)

Rizzani (G. B.) Opere economiche di difesa lungo i torrenti. 1 pl. (Giornale del genio civile. Anno 38, pp. 348–352. *Roma*, 1900.)

Samuelson (Bernard Martin). Protective embankments in the Irawadi Delta. 1 pl. (Minutes of proc. of the Inst. of Civil Engrs. v. 147, pp. 324–340. *London*, 1902.)

Röell (Joan). *Historich-staatsregtelijk onderzoek naar het algemeen en het bijzonder bestuur van den waterstaat in Nederland, van 1795–1848... *Utrecht: J. de Kruyff*, 1866. 3 p.l., 162 vi p., 1 l. 8°.

Smith (C. Roach). Roman embanking and sanitary precautions. (Jour. Brit. Archæol. Assoc. v. 40, pp. 185–189. *London*, 1884.)

Smith (Leonard S.) The improvement of the Portage levee system. (Wisconsin Engineer. v. 8, pp. 96–114. *Madison*, 1904.)

Utrecht. Poincten ende articulen, dienende tot onlastinge van den Lecken-dijck bovens dams beraemt by de...dijckgraef ende heem-raden van den selven Lecken dijck. Geapprobeert by de... Staten 's lands van Utrecht. *Utrecht: W. van Paddenburgh*, 1679. 8 l. 4°.

Uytsprake en decisie over de differentiale pointen, so vande ordinaris als extraordinaris rekeningen vanden Alblasserwaert, gedaen by de ...commissarissen van de Staten van Hollant ende Westvrieslant, ende by de selve ... op den 17. Septemb. 1661 geapprobert ... ['*s Gravenhage:* 1661?] 11 p. 4°.

Wiggins (J.) The practice of embanking land from the sea. *London*, 1852. 12°.

LOCKS (CANAL AND RIVER).

See also forward the general works on Canal engineering.

All references to the Erie and other canals of New York are omitted here; the matter is indexed in Miss A. R. Hasse's "Index to Economic Material" in New York public documents issued by the Carnegie Institute of Washington.

Brennecke (L.) Litteratur. (In his: Die Schiffsschleusen ... *Leipzig*, 1904. 4°. pp. 363–368.)

Bell (J. J.) Trent Valley canal hydraulic lift-lock. (Engineering. v. 81, pp. 333–336. *London*, 1906.)

Brennecke (L.) Die Schiffsschleusen. Bearbeitet von L. Brennecke, hrsg. von J. F. Bubendey. *Leipzig: W. Engelmann*, 1904. x, 372, iv pp., illus., 11 pl. 4. ed. 4°. (Handbuch der Ingenieurwissenschaften in fünf Teilen. Tl. 3, Bd. 8.)

Budau (A.) Doppelkammerschleuse mit Inertiewassersparwerk. (Österr. Ingen. u. Architek.-Verein. Ztschr. Jahrg. 58, pp. 517–522; 529–535. *Wien*, 1906.)

Budau (Artur). Über Kalbenhebewerke für Schiffe (Trogschleusen.) (Österr. Ing. u. Architek.-Vereines. Jahrg. 59, pp. 73–77. *Wien*, 1907.)

Cadart (Gustave). Note sur les calculs de résistance d'une carcasse de porte d'écluse. (Annales d. ponts & chaussées. part. 1, sér. 7, année 10, pp. 267–296. *Paris*, 1900.)

Czischek (Ludwig). Ein neues Sparschleusen-System (Tentschert-Czischek). (Ztsch. d. oesterr. Ingen. u. Architek.-Vereines. Jahrg. 54, pp. 577–583. *Wien*, 1902.)

Dalgleish (G. S.) The Sanayta lock and bridge-regulator. *London: Inst. Civ. Eng.*, 1901. 6 pp., 1 pl. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 144, pt. 2.

Dortmund-Ems-Kanal (Der). Schiffshebewerk Dortmunder Hafen in Wort und Bild, Festschrift zur Erinnerung an die feierliche Eröffnung am 3. August, 1899. [*Barop: G. Böllert,*] 1899. 32 p., 4 plans, 3 pl. 8°.

Dutton (Chauncey N.) The Dutton pneumatic balance locks for canals. (Jour. Franklin Inst. v. 149, pp. 241–271. *Philadelphia*, 1900.)

—— Pneumatic and hydraulic locks. First annual convention of the International Deep Waterways Association, Cleveland, Sept. 24, 25, 26, 1895. *Cleveland: W. M. Bayne Printing Co.*, 1895. 12 p. 8°.

Eytelwein (Johann Albrecht). Ueber die Anordnung der Thorflügel bei den Blankenschleusen. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1818–19. pp. 1–8, 1 pl. *Berlin*, 1820. 4°.)

Francis (Walter J.) Mechanical canal locks in Canada. 16 pl. (Canadian Soc. Civil Engineers. Transac. v. 20, pp. 77–100. *Montreal*, 1907.)

Franklin Institute. Report of the Committee on the inclined plane of Prof. James Renwick. *n. t.-p.* 8°.

Garvie (Robert Halley). Reconstruction and erection of Latchford Lock gates. *London: The Inst.*, 1898. 16 p., 1 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 134, sess. 1897–98. Pt. 4.

Genard (H.), *and* G. DENIL. Note sur les dispositifs des joints entre les parties fixes et mobiles des élévateurs pour bateaux. (Annales d. trav. pub. sér. 2, v. 9, pp. 801–866. *Bruxelles*, 1904.)

Gerdau (B.) Der internationale Wettbewerb für ein Kanal-Schiffshebewerk. 2 pl. (Österr. Wochenschrift f. d. öffentl. Baudienst. Jahrg. 10, pp. 871–878. *Wien*, 1904.)

Goldmark (Henry). Locks and lock gates for ship canals. (Jour. Assoc. of Engineering Soc. v. 23, pp. 132–149. *Philadelphia*, 1899.)

Gröger (Jaroslav). Trogschleusen auf geneigten Fahrbahnen mit besonderer Rücksichtnahme auf die Erhaltung eines ruhigen Wasserspiegels. (Zeitschr. d. oesterr. Ingenieur u. Architekten Vereines. Jahrg. 53, pp. 725–736; 745–756. *Wien*, 1901.)

Hernández (Senen Maldonado). Proyecto de elevador hidráulico para barcos en el canal Danubio-

Levees, cont'd.

Oder presentado al concurso internacional de Viena de 30 de marzo de 1904. 6 pl. (Mem. d. Ing. d. Ejército. v. 23, pp. 1–231. *Madrid*, 1906.)

Hodges (Harry F.) Notes on mitering lock gates. *Washington: Govt. Prtg. Office*, 1892. 132 p., 7 pl. 4°. (United States. Engin. Dept., Prof. papers No. 26.)

Hydraulic lift lock on the Trent canal. (Engineering Rec. v. 39, pp. 490–491. *New York*, 1899.)

Kirkfield (The) hydraulic lift lock [at Kirkfield, Ont., on the Trent canal]. illus. (Engineering Rec. v. 55, pp. 415–416. *New York*, 1907.)

Investigation of the methods best suited for surmounting great differences of levels between the reaches of canals. General report by G. Grugnola. [Reports by A. Schromm, A. Smrcek, H. Genard, E. Lefebvre, A. de Bovet, B. Gerdau, Hermann Pruesmann, L. F. Vernon-Harcourt, Girola, W. Cool, C. E. W. van Panhuys, and T. W. Symons.] *Brussels: Prtg. Off. of the Publ. Works*, 1905. 12 pmps. 8°. (x. Internat. Congress on Navigation. Sect. 1. ques. 3.)

Landsberg (Theodor). Die eisernen Stemmthore der Schiffsschleusen. *Leipzig: W. Engelmann*, 1894. 2 p.l., 136 p. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe. Hft. 3.)
Bibliography on pp. 134–135.

Lift (The) lock near Henrichenburg, Germany. (Engineering Rec. v. 41, pp. 33–35. *New York*, 1900.)

Locks and lock-gates for ship canals. (Engineering News. v. 42, pp. 326–327. *New York*, 1899.)

Long (Jas. C.) Construction of concrete masonry of a canal lock on the eastern section of the Illinois & Mississippi canal. 1 plan. (Jour. West. Soc. of Engineers. v. 6, pp. 132–143. *Chicago*, 1901.)

Macalister (R.) Sluices of the Betwa canal-head and weir. *London: Inst. Civ. Eng.*, 1899. 6 p. 8°.
Excerpt: Proc. Inst. Civ. Eng. v. 138, pt. 4.

Morel (A.) Écluse oscillante, système Cardot. (Rev. tech. v. 24, pp. 257–260; 302–304; 328–330; 356–359. *Paris*, 1903.)

Novel (A) canal lift at Foxton. (Scientif. Amer. v. 91, pp. 153; 159. *New York*, 1904.)

Projet d'ascenseur pour bateaux à Prerau, sur le canal du Danube à l'Oder. 1 pl. (Genie civil. v. 46, pp. 150–152. *Paris*, 1905.)

Rudolph ( ). Der Dortmund-Ems-Kanal. Die elektrisch betriebenen Sparschleusen bei Münster und Gleesen. (Ztsch. d. Vereines deut. Ingenieure. v. 45, pp. 1009–1017; 1405–1414. *Berlin*, 1901.)

Solages (de). Description d'un sas mobile inventé par S. *n. t.-p.* [*Paris*, 1809.] pl. 4°.

Tjapkin (N.) Bestimmung der Fülldauer der Schleusenkammer auf dem Ssewernij Donez bei wirksamer Stau-Oberfläche. (Ztschr. f. Gewasserkunde. v. 6, pp. 145–155. *Leipzig*, 1904.)

METERS.

Alewyn (C.) Verhandeling over den voordeeligsten hoek, onder welken men de puntdeuren eener sluis kan zamenvoegen. [*Amsterdam?* 1875?] 4°.

Auric ( ). Appareil enregistreur à niveau d'eau système Chateau. (Annales d. ponts et chaussées. pt. 1. année 76 (ser. 8, v. 21), pp. 261–265. *Paris*, 1906.)

Bailey (George I.) The effect of water meters on water consumption in the larger cities of the U. S. (Engineering News. v. 45, pp. 279–280. *New York*, 1901.)

—— —— (Jour. New Eng. Water Wks. Assoc. v. 15, pp. 351–359. *Boston*, 1901.)

Bemis (Edward W.) The meter system in Cleveland. (Municipal Jour. & Engineer. v. 17, pp. 21–26. *New York*, 1904.)

Bodmer (G. R.) Ueber Venturi-Wassermesser. (Schilling's Jour. f. Gasbeleuchtung u. Wasserversorgung. Jahrg. 42, pp. 746–750. *München*, 1899.)

Boston.—*Water Meter Testing Commission.* Report. *Boston*, 1888. 90 col., 1 l., 123 pl., 12 pl. obl. 8°.

Browne (R. E.) Water meters. Comparative tests of accuracy, delivery, etc. Distinctive features of the Worthington, Kennedy, Siemens, and Hesse meters. *New York: D. Van Nostrand*, 1885. 89 pp., 10 pl., 3 diag. 24°. (Van Nostrand's science series. no. 81.)
Repr.: Van Nostrand's Mag.

Bucerius (Walther). Das Umschaltventil für Flügelrad-Wassermesserverbindungen. (Schilling's Jour. f. Gasbeleucht. Jahrg. 46, pp. 61–64; 86–89. *München*, 1903.)

Builders' Iron Foundry. The Venturi meter, patented by Clemens Herschel and Builders' Iron Foundry. *Providence, R. I.: [Livermore & Knight Co.,]* 1898. 1 p.l., 38 pp. illus. 8°.

Burdick (Chas. B.) Accuracy tests of water meters at Des Moines, Ia. (Ill. Soc. of Engineers & Surveyors. 20th ann. rpt., 1905, pp. 119–127. *Chicago*, 1905.)

Carpenter (L. G.) The measurement and division of water. *Fort Collins*, 1891. 2. ed. 8°. (Colorado. Agric. Exp. Sta. Bull. 13.)

—— —— —— 1894. 3. ed. (Bull. 27.)

Chace (George F.) A rumpus in collecting meter rates. Causes and consequences. (Jour. New Eng. Water Works Assoc. v. 14, pp. 230–237. *Boston*, 1900.)

Claus (Adolphe), *and* PAUL POINSARD. Le compteur d'eau. Étude pratique. *Paris: C. Béranger*, 1906. 3 p.l., 140 p., 1 l., 8 diag. ill. 8°.

Clemmitt (Robert L.) Meter system of the water department of Baltimore, Md. (Engineering News. v. 48, pp. 355–358. *New York*, 1902.)

Couronne ( ). Note sur les compteurs d'eau. (Rev. de mécanique. v. 10, pp. 42–54. *Paris*, 1902.)

Eisner (W.) Neuerungen an Umschaltventilen für Wassermesser-Verbindungen. (Schilling's Jour. f. Gasbeleuchtung u. Wasserversorgung. Jahrg. 43, pp. 675–680. *München*, 1900.)

Elektrischer Wasserstandsfernmelder. (Jour. f. Gasbeleuchtung u. Wasserversorgung. Jahrg. 42, pp. 426–427. *München*, 1899.)

Ellis (George A.) Meter tables, giving number of United States gallons for each cubit foot, from 1 to 1,000,000...[Introductory pages devoted to

Locks, cont'd.

description of American Frost meter.] [*Boston*, 1888.] 7 l., 17–18 p., 11 l. 4°.
Extr. from rep. of Water Testing Commission, Boston, 1888, inserted.

Ennis (William D.) Calibration of a water meter. (Stevens' Indicator. *Hoboken*, 1898. v. 15, pp. 249–254. 8°.)

French (E. V.) Fire-service meters. [Discussion.] 1 pl. (Jour. New Eng. Water Works Assoc. v. 19, pp. 291–321. *Boston*, 1905.)

Heim (John B.) Water meters and rates. (City Government. *New York*, 1898. v. 4, pp. 207–210. 4°.)

—— —— (Municipal Engineering. *New York*, 1898. v. 15, pp. 17–21. 8°.)

Herschel (Clemens). The Venturi water meter. (Cassier's Maga. *New York*, 1899. v. 15, pp. 411–421. 8°.)

Hill (John W.) The accuracy and durability of water meters. (Amer. Soc. of Civil Engineers. Proc. *New York*, 1899. v. 25, pp. 1–27. 8°.)

Hoit (Lehman B.) Test meters for boiler plants. (Jour. of the Assoc. of Engineering Soc. *Philadelphia*, 1898. v. 21, pp. 112–119. 8°.)

Johnson (William S.) Some new facts relating to the effect of meters on the consumption of water. [Discussion.] 2 pl. (New Eng. Water Works Assoc. Jour. v. 21, pp. 109–180. *Boston*, 1907.)

Kimball (Frank C.) Some six-inch meter tests, and how they were made. [Discussion.] (Jour. New Eng. Water Works Assoc. v. 17, pp. 305–337. *Boston*, 1903.)

Meter testing, Somerville, Mass. (Engineering Rec. *New York*, 1898. v. 38, pp. 402–403. f°.)

Nash (Lewis H.) Testing large water meters. (Stevens' Inst. Indicator. v. 18, pp. 37–41. *Hoboken*, 1901.)

National Meter Company. Statistics, tables and water rates of cities and towns, together with facts about water meters. *New York: D. H. Gildersleeve, printer*, 1887. 82 p., 4 tabs. illus. 4°.

Premier (The) proportional displacement water meter. (Engineering News. v. 51, pp. 473. *New York*, 1904.)

Results (The) of the meter system in Richmond, Va. (Engineering Rec. v. 40, pp. 12–14. *New York*, 1899.)

Schoenheyder (William). Water meters of the present day, with special reference to small flows and waste in dribbles. (Engineering. v. 69, pp. 169–170; 200–202. *London*, 1900.)

—— —— (Engineer. v. 89, pp. 125–127. *London*, 1900.)

—— —— (Inst. of Mechanical Engineers. Proc. 1900, pp. 37–56. *London*, 1900.)

Soldati (Vincenzo). Nuovi regolatori automatici per dispensa d'acqua. 2 pl. (Atti d. Soc. d. ingegneri e d. architetti in Torino. anno 39, pp. 1–8. *Torino*, 1905.)

Steckel (R.) The measurement of water by a Venturi meter, viewed from a new standpoint. [Discussion.] 5 pl. (Transac. Canadian Soc. of Civil Engineers v. 18, pt. 2, pp. 247–348. *Montreal*, 1905.)

Sullivan (Wm. F.) Tests of large meters and fire-service devices. 16 pl. [Discussion.] (Jour. New Eng. Water Works Assoc. v. 19, pp. 264–290. *Boston*, 1905.)

Thompson (John). Diaphragm water-meter. Specification forming part of letters patent no. 358, 508, dated March 1, 1887. *n. t.-p.* [*Washington, D. C.: U. S. Patent Office*, 1887.] 5 p., 8 pl. 4°.

Trautwine (John C.), *jr*. Popular errors about water meters. (Engineering News. *New York*, 1898. v. 40, pp. 228–229. f°.)

—— —— (Engineering Record. *New York*, 1898. v. 38, pp. 403–404. f°.)

—— —— (Proceedings of the Engineers' Club of Phila. *Philadelphia*, 1898. v. 15, pp. 251–258. 8°.)

—— —— —— Same, separate. 7 p., 2 pl. 8°.

Venturi (The) meter. illus. (Practical Eng. v. 35, pp. 200–201; 229–230. *London*, 1907.)

Venturi (The) meter. Being the report of the Franklin Institute...on the inventions of Clemens Herschel, Frederick N. Connet and Walter W. Jackson. (Jour. of the Franklin Inst. *Philadelphia*, 1899. v. 147, pp. 108–145. 8°.)

Venturi meters at Rio de Janeiro. (Engineering. v. 83, pp. 236–237. *London*, 1907.)

Water and its measurement: The Venturi meter. (Public Works. v. 6, pp. 39–47. *London*, 1905.)

MORTAR (HYDRAULIC).

See CEMENT AND MORTAR.

PIERS.

See DOCKS, PIERS AND WHARVES; *also* HARBORS.

PIPES AND CONDUITS.

Standard specifications for water pipe. Report of committee of American Water Works Association: comparison with New England Water Works Association specifications. (Municipal Jour. & Engineer. v. 22, pp. 630–631. *New York*, 1907.)

Birault (C.) Flexions des parois dans les tuyaux de conduites de grand diamètre. (Mem. et compte rendu d. trav. de la Soc. d. ingénieurs civils de France. Bull. sér. 6, année 57 (1904, v. 2), pp. 433–467. *Paris*, 1904.)

Brackett (Dexter). Water pipes on metropolitan water works. (Jour. New Eng. Water Wks. Assoc. v. 13, pp. 325–332. *New London, Conn.*, 1899.)

Brown (James Campbell). Deposits in pipes and other channels conveying potable water. 1 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 156, pp. 1–17. *London*, 1904.)

Cary (M.) Prüfung von Drainrohren. (Mittheil. a. d. Königl. techn. Versuchsanstalten zu Berlin. Jahrg. 19, pp. 120–123. *Berlin*, 1901.

Cazin (F. M. F.) Old and new methods applied in planning pipe-lines and penstocks. (Jour. Franklin Inst. *Philadelphia*, 1898. 8°. v. 146, pp. 177–192; 280–293.)

Coolgardie (The) pipe line. (Engineering Rec. v. 41, pp. 178–180. *New York*, 1900.)

Coolgardie (The) pipe line; a remarkable engineering problem. (Engineering News. *New York*, 1898. f°. v. 40, pp. 233–234.)

Pipes, etc., cont'd.

Dick (E.) Notes on the present-day use of wooden-water-pipes. (Essex Naturalist. v. 13, pp. 118–120. *Stratford*, 1903.)

Electricity for frozen water pipes. (Engineering Rec. *New York*, 1899. f°. v. 39, p. 297.)

Ellicott (E. B.) Protection of water pipe from electrolysis. (Jour. Western Soc. of Engineers. v. 6, pp. 529–536. *Chicago*, 1901.)

Ferris (Walter). A proposed improved system of hydraulic piping. (Amer. Machinist. v. 22, pp. 1031–1033; 1056–1057. *New York*, 1899.)

Feugéres (J.) Appareil pour le jaugeage des conduites d'eau en service. (Portefeuille écon. d. machines. sér. 5, v. 3, col. 57–62. *Paris*, 1904.)

Flood (A) test of two large riveted steel pipe lines. (Engineering Rec. v. 49, pp. 97–98. *New York*, 1904.)

Fuller (Allen J.) Movement of water-mains in connection with Pennsylvania avenue subway work. (Proc. Engineers' Club of Phil. *Philadelphia*, 1899. 8°. v. 16, pp. 33–36.)

Gremaud (Albert). Abaques logarithmiques pour déterminer rapidement toutes les dimensions des conduites d'eau et de canalisation. *Zürich: Art. Institut Orell Füssli* [1906]. 10 p., 10 tab. f°.

Hatt (William Kendrick). Note on some experiments with a new form of pressure regulator. (Jour. of the Franklin Institute. v. 154, pp. 101–106. *Philadelphia*, 1902.)

Heim (John B.) Thawing frozen water pipes by electricity. (City Government. v. 6, pp. 107–108; 122–123. *New York*, 1899.)

Herschel (Clemens). 115 experiments on the carrying capacity of large, riveted, metal conduits, up to six feet per second of velocity of flow. vi, 122 p., 9 diagr., 4 pl., 1 port. *New York: J. Wiley & Sons*, 1897. 8°.

Hill (John W.) The Torresdale conduit. (Jour. Franklin Inst. v. 159, pp. 241–297. *Philadelphia*, 1905.)

—— The Torresdale conduit. (Proc. Engineers' Club of Phil. v. 22, pp. 129–189. *Philadelphia*, 1905.)

Holmes (T. V.) Additional notes on tree-trunk water-pipes. (Essex Naturalist. v. 13, pp. 60–75; 229–240. *Stratford, Eng.*, 1903–'04.)

Howard (John L.) Raising two lines of 36-inch pipes at the Mystic River, Somerville, Mass. 1 pl. (Engineering Rec. v. 47, pp. 668–671. *New York*, 1903.)

Laponche (A.) Note sur une conduite d'eau. Établie par la Société électro-metallurgique française. (Bull. Soc. de l'indust. minérale. sér. 3, v. 13, pp. 793–813. *Saint-Étienne*, 1899.)

Mayer (William), *jr.* Thawing out frozen water pipes electrically. (Cassier's Maga. v. 27, pp. 25–32. *New York*, 1904.)

Melting out frozen water pipes electrically. (Electr. World & Engineer. v. 43, pp. 307. *New York*, 1904.)

Moore (R. S.) On the construction and laying of two lines of submarine pipes ... across the Bay of San Francisco ... *Glasgow: W. Munro*, 1889. 8 p., 1 pl. 8°.

Repr.: Trans. Inst. Eng. and Shipbuilders in Scotland.

Otturazione automatica delle condutture d'acqua. 1 pl. (Giornale del genio civile. (parte non ufficiale) anno 37, pp. 589–592. *Roma*, 1899.)

Portland (Ore.).—*Water Works, Office of.* [Specifications for a line of submerged pipes across the Willamette river.] *n. t.-p.* [*Portland*, 1893.] 5 l. f°.

Prevention of the bursting of water pipes by frost. (Electr. World & Engineer. v. 35, pp. 337. *New York*, 1900.)

Ritchie (Edgar Gowar). Methods for the removal of incrustation in water-mains; with a description of the automatic machine employed in the Melbourne water-supply. (Inst. Civil Engineers. Minutes of Proc. v. 157, pp. 303–318. *London*, 1904.)

Sammett (M. A.) Electrical thawing of frozen water pipes. (Electrical World and Engineer. v. 45, pp. 515. *New York*, 1905.)

Saville (Caleb Mills). Submerged pipe crossings of the Metropolitan Water Board. (Jour. Assoc. of Engineering Soc. v. 26, pp. 193–216. *Philadelphia*, 1901.)

61-inch (A) cast-iron pipe line. (Engineering Rec. *New York*, 1898. f°. v. 39, p. 51.)

Smith (Chester Wason). Reinforced concrete pipe for carrying water under pressure. 2 pl. (Amer. Soc. Civil Engineers. Proc. v. 33, pp. 581–598. *New York*, 1907.)

Specht (Georg J.) Die Wasserleitungen in den hydraulischen Bergwerksdistrikten Californiens. *n. t.-p.* [*Wien?* 1885?] 35–52 p., 2 pl. f°.

Stroink (J.) De economische doorsnede van waterleidingsbuizen. 3 pl. (Tijdschr. van het koninklijk Inst. van Ingenieurs, 1898–1899. [Pt. 2.] Verhand., Vertalingen, enz. pp. 29–60. *'s-Gravenhage*, 1899.)

Wehner (H.) Rost in Wasserleitungen, Schutz- und Vorbeugungsmittel. (Gesundheits-Ingen. Jahrg. 30, pp. 245–255; 289–293. *München*, 1907.)

Wells (George L.) Improved Wyckoff water-pipe. (Jour. New Eng. Water Wks. Assoc. v. 13, pp. 288–303. *New London, Conn.*, 1899.)

Wilkinson (Thomas L.) A pipe line in New Mexico [for water]. *Denver: the Society*, 1907. 8°. (Colorado Sci. Soc. Proc. v. 8, pp. 157–166, 5 pl.)

Zerstörung von Wasserleitungsröhren. (Stahl u. Eisen. *Düsseldorf*, 1899. f°. Jahrg. 19, pp. 133–138.)

POWER.

See WATER POWER.

PRESS (HYDRAULIC).

Bloch (F.) Eau sous pression: appareils producteurs d'eau sous pression. *Paris: Masson et Cie.* [1894] 12°. (Encycl. scient. d. aide-mém. Sect. de l'ingén.)

Morey (W. E.) Design of a 4,000-ton hydraulic press. (Amer. Machinist. v. 27, pp. 1526–1530; 1564–1567. *New York*, 1904.)

Press (Hydraulic), cont'd.

Presse à forger de 8.000 tonnes. 1 pl. (Le génie civil. *Paris*, 1899. f°. v. 34, pp. 184–185.)

Pressen zum Schmieden und Biegen. (Dinglers polytechnisches Jour. *Stuttgart*, 1898. f°. v. 310, pp. 130–132; 144–147; 168–173.)

Riedler (A.) Hydraulisches Hochdruck-Press und Prägverfahren (Allseitige Pressung im Raum, System Huber). (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 584–590; 621–626. *Berlin*, 1901.)

PUMPS.

Adair & Co. Adair's patent double-action pumps and fire engines for ships, mines, and land use. *n. p.* [18—] 12 p., 1 pl. 8°.

Air (The) lift. (Engineer. v. 41, pp. 564–565. *Chicago*, 1904.)

Air-lift pumping machinery at the inverted siphon of the new Croton aqueduct, New York city. (Engineering Rec. v. 49, pp. 672–675; 715–716. *New York*, 1904.)

Alberts (E.) Die Dampfpumpenanlage für das Förderwerk der Charlottenburger Wasserwerke zu Johannisthal bei Berlin. 1 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 46, pp. 1429–1432. *Berlin*, 1902.)

American Steam Pump Co. Illustrated catalogue No. 12 of the Marsh steam pump standard for all duties... [Price list of repairs or extras for Marsh pumping machinery ... With telegraphic cipher.] *Battle Creek, Mich.* [*Gale Prtg. Co., Ltd.*, 1905.] 140, 180 p., 1 diag. 12°.

Arndt (Kurt). Ueber Vakuumpumpen. (Verhandl d. Vereins g. Beförderung d. Gewerbfleisses. Abhandl. 1905, Heft 10, pp. 451–486. *Berlin*, 1905.)

Barman (H. D. D.) The Riedler pump. A paper read before the Mining Institute of Scotland. Annual general meeting at Hamilton, April 9, 1903. *London: A. Reid & Co.*, 1903. 13 p., illus., 1 pl. 8°.

Repr.: Transactions of the Institution of Mining Engineers.

Barr (John). Waterworks pumping engines in the United States and Canada. [Discussion.] 2 pl. (Inst. of Mech. Engineers. Proc. 1905, no. 1, pp. 21–56. *London*, 1905.)

Barr (Wm. M.) The development of power pumping machinery. (Engineering Maga. v. 28, pp. 616–624. *New York*, 1905.)

—— Pumping machinery. A practical handbook relating to the construction and management of steam and power pumping machines. *Philadelphia: J. B. Lippincott Co.*, 1893. 447 p. 2 pl. ill. 8°.

Baum ( ). Die neueste Entwicklung der Wasserhaltung ... Versuche mit verschiedenen Pumpensystemen. Bericht der Versuchskommission. *Berlin: J. Springer*, 1905. iv, 116 p., 9 pl. illus. 4°.

Repr.: Glückauf: Berg- und Hüttenmännische Zeitschrift. 1904. n. 34–38, 49, 51–52.

Baum ( ), *and* HOFFMANN. Versuche an Wasserhaltungen. (Dampfwasserhaltung der Zeche Victor, hydraulische Wasserhaltung der Zeche Dannenbaum, Schacht 11, und elektrische Wasserhaltungen der Zechen Victor, A. von Hansemann und Mansfeld.) (Ztschr. d. Vereines deut. Ingen. v. 48, pp. 1829–1840; 1905–1914; 1957–1964; 1984–1993). *Berlin*, 1904.)

Baumann (R.) Versuche zur Bestimmung der Ausflussziffer bei Pumpenventilen. (Verein deut. Ing. Ztschr. v. 50, pp. 2103–2108. *Berlin*, 1906.)

Bavier (Th. v.) Beispiele aus dem Gebiete des Pumpmaschinenbaues. 2 pl. (Zeitschr. d. Vereines deutscher Ingenieure. v. 44, pp. 1–13. *Berlin*, 1900.)

Bayley (W. B.) The electric pumping plant for the salt water aquaria, World's Columbian Exposition, Chicago, 1893. 1 pl. (Amer. Soc. Naval Engineers. Jour. v. 4, pp. 203–209. *Washington*, 1892.)

Berg ( ). Etude sur le fonctionnement des soupapes de pompes chargées par des ressorts. (Rev. de mécanique. v. 15, pp. 450–464; 544–563. *Paris*, 1904.)

Betton (J. M.) A comparison of compound and triple expansion engines for small water works plants. (Jour. New Eng. Water Works Assoc. *New London*, 1899. 8°. v. 13, pp. 218–228.)

Björling (Philip R.) Pumps. (Sci. Amer. Suppl. v. 59, pp. 24368–24371. *New York*, 1905.)

—— Pumps and pump motors. A manual for the use of hydraulic engineers. *London: E. & F. N. Spon*, 1895. 2 v. f°.

Blake (Geo. F.) Manufacturing Co., New York. Duty trial of a fly-wheel, high duty, automatic cut-off, cross-compound, pumping engine designed and built by the...Company. *n. p.*, 1892. 1 p.l., 27, 5 p., 1 plan, 1 pl. 12°.

Booth (W. H.) Some pump problems. (Amer. Machinist. *New York*, 1899. 4°. v. 22, pp. 79–80.)

Boston.—*Water Board.* Boston water works. Specifications and contract for high service pumping-engine no. 3. [*Boston*,] 1892. 1 p.l., 53 p. 4°.

—— —— Boston water works. Specifications and contract for Mystic Station pumping-engine no. 4. 1893. *Boston: Rockwell & Churchill, city prtrs.*, 1893. 86 p. 4°.

Boulvin (J.) Machines servant à déplacer les fluides. *Paris*, 1889. 8°. (Cours de mécanique appliquée aux machines, fasc. 7.)

Bowie (Aug. J.), *jr.* Economic operation of electric irrigation pumps. (Electr. World and Engineer. v. 40, pp. 1039–1041. *New York*, 1902.)

—— Electric pumping for irrigation. (Electr. World and Engineer. v. 40, pp. 208–211. *New York*, 1902.)

Briggs (R. E.) Review of the McAlpine pumping machine, recently constructed for the New Bedford water-works...*New York: D. Van Nostrand*, 1868. 23 p. 8°.

Brooklyn.—*Water Commission.* Brooklyn Water Works. Reports by mechanical engineers on trials of duty made in 1857 and 1859, upon the Brooklyn, Hartford, Belleville and Cambridge pumping engines. *New York: Hosford & Co., prtrs.*, 1860. 84 p., 6 diag., 2 tab. pap. 8°.

—— —— Brooklyn water works. Reports on trials of duty and capacity of the pumping engines

Pumps, cont'd.

No. 2, at Ridgewood, and of No. 1, at Prospect Hill, made in 1861–'2. *New York: J. F. Trow*, 1862. 47 p. 8°.

Bunnell (S. H.) The application of electric power to pumping machinery. (Engineering Maga. *London*, 1898. 8°. v. 16, pp. 429–440.)

Butler (Edward). Modern pumping and hydraulic machinery. illus. (Mechanical Engineer. v. 19, pp. 104–108, 190–195, 267–272, 319–323, 441–445, 466–468, 538–543, 646–650, 755–759, 829–832, 877–879; v. 20, pp. 3–5, 76–79, 150–153, 175–178, 248–251, 337–341, 393–396, 466–468. *London*, 1907.)

C. (A.) Usine élévatoire pour l'arrosage du champ de courses du Tremblay (Seine). 1 pl. (Génie civil. v. 47, pp. 369–371. *Paris*, 1905.)

California (The) pump pit, Cincinnati waterworks. (Engineering Rec. *New York*, 1898. 4°. v. 38, pp. 513–514.)

Carter (Ralph B.) Pumping water by compressed air. *New York* [1901]. 16 p. illus. 16°.

Cincinnati.—*Water Works Office.* Report of the board of experts on the test trial of the Warden Compound Pumping Engine...Mch., 1879. *Cincinnati: F. O. Carnahan & Co.*, 1879. 125 p., 1 l. 8°.

Clarke (J. W.) Pumps, their principles and construction. A series of lectures delivered at the Regent Street Polytechnic. *London: B. T. Batsford*, 1898. viii, 132 p. 12°.

Coffin (Freeman C.) The application of gas, gasoline and oil engines to pumping machinery. 1 diag. (Jour. New Eng. Water Works Assoc. *New London, Conn.*, 1899. 8°. v. 13, pp. 206–217.)

Colmant (Émile). Controle pratique du fonctionnement des pompes au moyen de l'indicateur dynamométrique. (Rev. univer. d. mines, de la métallurgie d. trav. pub., etc. Sér. 3, v. 47, pp. 17–32. *Liège*, 1899.)

Comiers (Claude). Lettre à le Marquis de Seignelay, sur l'excellence, et usages de la nouvelle pompe, et de la nouvelle machine pour élever les eaux. *Paris*, 1682. pl. sq. 8°.

Compound Cornish cycle pumping engine. (Engineering. v. 77, pp. 384, 385 and 391. *London*, 1904.)

Connersville (The) Blower Co. Cycloidal positive pressure blowers, gas exhausters, rotary cycloidal pumps, cycloidal water moters. Catalogues 3–4. *Connersville, Ind.*, 1898–1901. 2 v. 8°.

Cook Well Company. [Illustrated and descriptive catalogue] no. 10 [of] tubular well supplies... Cook's improved mining pumps...*St. Louis: Cook Well Co.*, 1901–2. 44 p., 1 pl. nar. 12°.

Cox (Charles Leslie). The efficiency of the Shone system of pumping. (Inst. Civ. Eng. Proc. v. 168, pp. 311–323. *London*, 1907.)

Davey (Henry). A description of the differential expansive pumping engine...*Leeds: McCorquodale & Co.*, 1875. 62 p. 8°.

Davidson (M. T.) Steam pumps, pumping engines, power pumps...[*New York: M. T. Davidson*,] 1902. 79 p. 8°.

Davis (F. A. W.) Water rates, air lift tests, etc. (City Gov't. *New York*, 1898. 4°. v. 5, pp. 111–114.)

Davison (George S.) The gas engine pumping plants of the East Pittsburg Water Company. (Engineering Rec. *New York*, 1898. f°. v. 38, pp. 407–408.)

Dean (F. W.) Duty trial of a Blake high duty pumping engine, at the city water works, Newtown, Mass. 1 pl. (Amer. Soc. Nav. Eng. Jour. v. 5, pp. 465–473. *Washington*, 1893.)

Dean (Main). A test of the new pumping engine at Waltham, Mass. (Jour. New Eng. Water Works Assoc. v. 14, pp. 171–173. *Boston*, 1899.)

Denton (James E.) Performance of the twelve-million-gallon Allis pumping engine at Hackensack, N. J., and comparative data from tests of the best three contemporary pumping engines. (Stevens Inst. Indicator. v. 17, pp. 353–379. *Hoboken*, 1900.)

Devaux (Jean Adolphe Joseph de). Mémoire sur l'épuisement des eaux dans les mines. 32 p., 6 pl. (In: Mémoires couronnées par l'Académie royale...de Bruxelles. *Bruxelles*, 1837. 4°. t. 12. No. 1.)

Denogent (J.) Pompe Jandin à commande électrique installée au puits Monterrad. (Compagnie des Mines de Firming.) (Bull. trimes. Soc. de l'indust. minérale. sér. 4, v. 2, pp. 835–858. *Saint-Etienne*, 1903.)

Dean (F. W.) Improvements in economy of pumping engines. (Jour. New Eng. Water Wks. Assoc. v. 18, pp. 25–31. *Boston*, 1904.)

Deming (The) Co. Illustrated Catalogue of pumps and hydraulic machinery, well and pump fixtures. No. 21. *Salem, O.* [cop. 1902] 8°.

Diamant (Arthur H.) The installation of a pneumatic pumping plant. 3 pl. (Amer. Soc. of Civil Engineers. Proc. Papers. v. 30, pp. 444–461. *New York*, 1904.)

Diamant (Arthur H.) Pneumatic pumping plant at the Harlem river: New York. (Public Works. v. 6, pp. 144–156. *London*, 1906.)

Diemer (O.) Pompe express à grande puissance système Klein. (Rev. tech. v. 23, pp 337–339. *Paris*, 1902.)

Dijxhoorn (J. C.) Grosse Pumpmaschinen für städtische Wasserwerke in den Niederlanden. 3 pl. (Schillings Jour. f. Gasbeleuchtung. Jahrg. 46, pp. 863–868. *München*, 1903.)

Douglas (W. & B.) Illustrated catalogue of power pumps, etc. Manufactured by W. and B. Douglas...[*Springfield, Mass.: F. A. Bassette Co., prtrs.*, 1903.] 32 p. illus. 8°.

—— Illustrated catalogue of hand and power pumps, hydrants...etc. Edition 1903. *Middletown, Conn.* [*F. A. Bassette Co.*, 1903.] 8°.

Downie (The) Pump Company. Illustrated catalog of Artesian well pumps. *n. t.-p.* [*Allegheny:*] *Downie Pump Co.*, 1895. 18 p. 5. ed. ob. 8°.

—— Illustrated catalogue of well pumps. *n. t.-p.* [*Downieville, Pa.?*] *The Downie Pump Co.*, 1899. 30 p., 2 l. 4°.

Pumps, cont'd.

Dubbel (H.) Dampfpumpen. (Ztsch. d. Vereines deut. Ingen. v. 46. pp. 1031–1042. *Berlin*, 1902.)

Enquehard (C.) Étude du mouvement des clapets dans les pompes à mouvement alternatif. (Rev. mécanique. v. 12, pp. 357–359. *Paris*, 1903.)

Fischer (Karl T.) Eine neue Rotationsölpumpe für grosse Fördermenge und hohes Vakuum der Siemens-Schuckertwerke, Berlin. (Dinglers polytech. Jour. v. 320, pp. 763–766. *Berlin*, 1905.)

Flanagan (Gerald E.) Hydraulic intensifiers. (Amer. Machinist. v. 24, pp. 939–941. *New York*, 1901.)

Flinn (Alfred D.) The Chestnut Hill pumping stations at the metropolitan water-works, Boston. (Engineering Rec. v. 42, pp. 345–348, 367–370, 390–391. *New York*, 1900.)

Flint & Walling Manufacturing Co. General catalogue No. 42, 1901, illustrative and descriptive of the star windmills, Hoosier and fast mail pumps . . . [*Chicago: The Lakeside Press*,] 1901. 248 p. 8°.

Forbes (F. F.) Improvement in pumping engines. (Jour. New Eng. Water Works Assoc. *New London, Conn.*, 1899. 8°. v. 13, pp. 157–162.)

François (Charles). Note sur la machine d'épuisement système Kaselowsky. (Rev. univers. d. mines, de la métallurgie d. trav. pub., d. sci. & d. arts appli. à l'indust. Sér. 3, v. 47, pp. 152–164. *Paris*, 1899.)

Freytag (Fr.) Neuere direkt wirkende Dampfpumpen. (Dinglers polytech. Jour. v. 315, pp. 297–302. *Stuttgart*, 1900.)

—— Neuere Pumpen. (Dinglers polytech. Jour. Jahrg. 83, v. 317, pp. 779–784, v. 318, pp. 21–26, 37–42, 59–62. *Berlin*, 1902.)

Froelich (Fr.) Hydraulisch betriebene Wasserhaltungsmaschinen, ausgeführt von der Berliner Maschinenbau A. G. vorm. L. Schwartzkopf. (Ztschr. d. Vereines deutsch. Ingen. v. 44, pp. 1712–1724. *Berlin*, 1900.)

Gauvain (W. Percy). Deep well pumping machinery. 2 pl. (Inst. of Mechanic. Engineers. Proc. 1903. pp. 887–898. *London*, 1903.)

Gerdau (B.) Neuere unterirdische Wasserhaltungsmaschinen für Bergwerke. 1 pl. (Zeitschr. d. Vereines deutscher Ingenieure. *Berlin*, 1899. 4°. v. 43, pp. 29–36, 57–65.)

Gibbs (Harry F.) How to obtain the best results in small pumping stations. 1 pl. (Jour. New Eng. Water Works Assoc. v. 16, pp. 167–176. *Boston*, 1902.)

Goldstein (C.) Die kleinste mögliche Umlaufzahl von Pumpwerken. (Ztschr. d. Vereines deutsch. Ingen. v. 50, pp. 253–258. *Berlin*, 1906.)

Goodman (John). Hydraulic experiments on a plunger pump. (Engineering. v. 75, pp. 292–296; 326–329. *London*, 1903.)

—— —— (Inst. of Mechanic. Engineers. Proc. 1903, pp. 123–197. *London*, 1903.)

Goss (W. F. M.) Abstract from the report on the test of the Snow pumping engine, at Indianapolis, Ind. (Jour. of the New England Water Works Assoc. *New London*, 1898. 8°. v. 13, pp. 49–54.)

Goulds Manufacturing Co. Catalogue "A" of pumps and hydraulic machinery for every service . . . *Seneca Falls, N. Y.: the Company* [1890?]. xvi, 344 pp. ob. 12°.

—— The Goulds Mfg. Co's. illustrated...catalogue and price list, of pumps, engines... [*Seneca Falls, N. Y.: The Goulds Mfg. Co.*,] 1889. 288 p. 27. ed. sq. 16°.

Griffith (Percy). Pumps and air lifts for raising water. 4 pl. (Roy. Engineers Inst. Profess. Papers Corps of Roy. Engineers. Occas. Paper. v. 30, pp. 81–103. *Chatham*, 1905.)

Gutermuth (F.) Pumpen. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1441–1449. *Berlin*, 1901.)

Guthrie (Ossian). The Bridgeport wheel pumps. 1 plan. (Jour. Western Soc. of Engineers. v. 6, pp. 73–76. *Chicago*, 1901.)

Habermann (Carl). Die Kley'sche Wasserhaltungs-Dampfmaschinenanlage am Franzschachte der k. k. Berg-Direction Idria. (Zeitschr. d. oesterr. Ingenieur- u. Architekten Vereines. *Wien*, 1898. f°. v. 50, pp. 545–549; 557–562; 572–579.)

Habets (P.) Les machines d'épuisement souterraines. (Rev. univers. d. mines, de la métallurgie, d. trav. pub., d. sci. et d. arts appliqués à l'indust. *Liége*, 1898. 8°. Sér. 2, v. 44, pp. 281–294.)

Hahn (Siegfried). Der elektromotorische Antrieb von Pumpen und Wasserhaltungen. (Dinglers polytech. Jour. v. 316, pp. 777–780; 792–799. *Braunschweig*, 1901.)

Hanappe (S.) Quelques mots au sujet de la pompe jandin. (Pub. Soc. d. ingén. sortis de l'École provinciale d'indust. & d. mines du Hainaut. sér. 3, v. 12, pp. 202–213. *Liége*, 1902–'03.)

Hartmann (Konrad), *and* J. O. Knoke. Die Pumpen. Berechnung und Ausführung der für die Förderung von Flüssigkeiten gebräuchlichen Maschinen. 2. verm. Aufl. *Berlin: J. Springer*, 1897. xi, 666 pp., 6 plans. 8°.

Hartmann (C. F. A.) Der Brunnen, Röhren. Pumpen- und Spritzenmeister, auch Bleiarbeiter. 3. ed. *Weimar*, 1853. 12°. (Schauplatz 45.)

Hasluck (Paul Nooncree). Pumps and hydraulic rams. *London: Cassell & Co.* [1907.] viii (1) 10–160 p. illus. 16°. ("Work" handbooks.)

Head (Francis). A comparison of the first cost and cost of operation of pumping plants driven by steam and oil engines. (Engineers' Club of Phila. Proc. v. 23, pp. 232–238. *Philadelphia*, 1906.)

Hermanuz (J.) Pumpwerk zur Speisung des Rhein-Marne-Kanales, ausgeführt von der Maschinenfabrik Esslingen. (Ztschr. d. Vereines deutsch. Ingen. v. 45, pp. 145–150. *Berlin*, 1901.)

Hill (John Willmuth). Report of the expert on the contract trials of the Gaskill compound pumping engine built by the Holly Manufacturing Company, Lockport, N. Y., Feb., 1881. *Cincinnati: R. Clarke & Co., prtrs.*, 1881. 73 p., 5 pl. 8°. (Evansville Water Works Committee.)

Pumps, cont'd.

—— Report of duty test of Gaskill's compound, condensing, vertical pumping engines at Memphis, Tennessee, January 1882. *Lockport, New York: Holly Mfg. Co.*, 1882. 15 p., 2 pl. 8°.

Hill (Nicholas S.), *jr.* The selection of water works pumping machinery. (Engineering Rec. v. 52, pp. 39–41; 58–60. *New York*, 1905.)

Hobbs (Charles J.) Trial of a triple-expansion vertical condensing steam-engine for hydraulic pumping. (Inst. of Mechanical Engineers. Proc. 1902, pp. 169–183. *London*, 1902.)

Homersham (Samuel Collett). On the construction of valves used in pumps for raising water. *London*, 1843. 7 p. 8°.

Repr.: Proc. Institution of Civil Engineers.

Hood (Ozni Porter). New tests of certain pumps and water lifts used in irrigation. *Washington: Govt. Prtg. Office*, 1898. 91 p., 1 pl. 8°. (U. S. Geological Survey. Water-supply & Irrigation Papers. no. 14.)

Houghton (Thomas Harry). Low lift pumping machinery. illus. (Roy. soc. of New South Wales. Jour. and Proc. v. 31, pp. lxv–lxxxii. *Sydney*, 1898.)

Hutton (F. R.) Report on steam-pumps and pumping-engines. iii, 64 p. (In: U. S. Census Office. 10. census. 4°. v. 22.)

The **hydraulic** service engine of the Pope Tube Co. (Amer. Machinist. *New York*, 1898. f°. v. 21, pp. 773–776; 793–795.)

International Steam Pump Co. Annual report, No. 2 (1901). [*Brooklyn, N. Y.*,] 1901. 4°.

Isherwood ( ). Digest of the experiments made by Mr. Michael Longridge, chief engineer of "The Engine, Boiler and Employers' Liability Insurance Company" of Manchester, England, on the triple expansion pumping engines at the East London water works, Lea Bridge, and described in his report to the company for 1893. (Amer. Soc. Naval Engineers. Jour. v. 7, pp. 215–283. *Washington*, 1895.)

—— Test of the Worthington pumping engines built for the city of New Bedford, Massachusetts. (Amer. Soc. Naval Eng. Jour. v. 2, pp. 26–67. *Washington*, 1890.)

Johnson (Nils). Official duty tests of pumping engines nos. 9 and 10 high-service station no. 3, St. Louis water works, February 15–16 and 26–27, 1900. 2 pl. (Jour. Assoc. of Engineering Soc. v. 25, pp. 51–66. *Philadelphia*, 1900.)

Jones (Forrest R.) A unique Italian pump and how its photograph was obtained. (Railway Machinery. n. s. v. 2, pp. 297–299. *New York*, 1903.)

Josse (E.) Druckluft-Wasserheber. (Zeitschr. d. Vereines deutscher Ingenieure. *Berlin*, 1898. 4°. v. 42, pp. 981–988.)

Kelly (James). On the raising of water by compressed air, at Preesall, Lancashire. (Inst. Civil Engineers. Min. of Proc. v. 163, pp. 353–379. *London*, 1906.)

Koehler (G. W.) Raschlaufpumpen für Elektromotorantrieb. (Verhandl. d. Vereins z. Beförderung d. Gewerbfleisses. Abhandl. 1903. Heft 6 (June), pp. 197–210. *Berlin*, 1903.)

Koenig (Friedrich). Die pumpen. Eine Darstellung über Konstruction und Wirkungsweise ... *Berlin: H. Costenoble*, 1902. xx, 320 p. 8°.

Laponche (A.) Les machines d'épuisement souterraines. (Bull. Soc. de l'indust. minérale. sér, 3, v. 15, pp. 813–970. *Saint-Etienne*, 1901.)

Lebois (J.) Nouvelle pompe à piston tournant. (La nature. Année 32, sem. 2, pp. 99–100. *Paris*, 1904.)

Lecuir ( ). Pompes à grande vitesse. (Rev. de mécanique. v. 11, pp. 429–446. *Paris*, 1903.)

Ledoux (J. W.) A deep-well pumping plant at Waukesha, Wis. (Engineers' Club of Philadelphia. Proc. *Philadelphia*, 1898. v. 15, pp. 130–142.)

Leopold (Henry G.) Circulating pumps. (Amer. Soc. Naval Eng. Jour. v. 5, pp. 295–299. *Washington*, 1893.)

Lindner (Georg). Untersuchung von Exhaustoren aus Steinzeug. (Ztschr. f. angewandte chemie. Jahrg. 16, pp. 1169–1180. *Berlin*, 1903.)

Lynn (Mass.).—*Public Water Board.* Reports on the trial of duty and capacity of the pumping engine ... 1873. [*New York: Evening Post Steam Press*, 1874?] 35 p. 8°.

Lowell (Mass.).—*Water Commissioners Office.* Pumping engine. [Contract and specifications.] 1871. *n. p.* 1871. 1 p.l., 33 p. sq. f°.

McColl (J. R.) General report of duty trial of new Worthington pumping engine, Knoxville Water Works. (Univers. of Tenn. Rec. v. 5, pp. 246–259. *Knoxville*, 1902.)

McFarland (W. A.) The District pumping station at Washington. (Engineering Rec. v. 53, pp. 64–66. *New York*, 1906.)

McGowan (John H.) Co. General catalogue no. 24 illustrating steam and power pumping machinery... *Cincinnati: The J. H. McGowan Co.* [1890?] 116 p., 1 l. sq. 16°.

Mackensen (E.) Litteratur, Lüftung, Wasserhaltung und Beleuchtung betreffend. (In his: Der Tunnelbau... *Leipzig*, 1902. 3. ed. 4°. pp. 356–358.)

Marks (Edward C. R.) Notes on the construction and working of pumps. *London: Technical Pub. Co.*, 1907. viii, 259 p. illus. 2. ed. 12°.

—— Notes on the construction and working of pumps. (Practical Engineer. v. 22, pp. 530–532, 580–581; v. 23, pp. 75–76; 147–149, 226–229; 291–294, 363–365, 482–485, 531–533; v. 24, pp. 12–15; 75–78; 122–126; 218–220; 362–364; 418–421; 490–492; v. 25, pp. 60–63, 252–255; 348–351. *London*, 1901–1902.)

—— Notes on the construction and working of pumps. *London: Technical Pub. Co.*, 1907. 2. ed. enl. viii, 259 p. illus. 12°.

Marsh-Simplex-Kesselspeise Pumpen. illus. (Der praktische Maschinen-Konstrukteur. Jahrg. 39, pp. 25–26. *Leipzig*, 1906.)

Marten (E. B.), *and* Edmund Howl. The South Staffordshire mines-drainage scheme, with special regard to electric-power pumping. (Transac. Inst. of Mining Engineers. *Newcastle-upon-Tyne*, 1899. 8°. v. 16, pp. 268–280.)

Pumps, cont'd.

Masse (L.) Les pompes. (Rev. de mécanique. v. 1, pp. 159–171; 248–257; 563–579; 856–866; 1044–1059; v. 2, pp. 403–413; v. 3, pp. 21–43; 375–396; 493–508; v. 4, pp. 171–179; 272–285; 486–505; v. 5, pp. 286–304; 523–532. *Paris*, 1899.)

—— Les pompes. *Paris: V. C. Dunod*, 1903. xvi, 528 p. illus. 4°.

Maury (Dabney H.) Progress in pumps. (Illinois Soc. Engineers and Surveyors. Annual rept. v. 22, pp. 16–20. *Chicago*, 1907.)

Mead (Daniel W.) A gas engine driven direct pressure pumping plant, with some experiments on pump valve area. [Discussion.] 1 pl. (Jour. Western Soc. of Engineers. v. 7, pp. 20–35. *Chicago*, 1902.)

—— The mechanics of suction and suction pipes. (Jour. West. Soc. of Engineers. v. 4, pp. 12–30. *Chicago*, 1899.)

Meer (G. ter). Neuere Pumpmaschinen, gebaut von der Hannoverschen Maschinenbau-A.-G. vormals Georg Egestorff in Linden vor Hannover. 1 pl. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1–10; 37–46. *Berlin*, 1901.)

Milwaukee (Wis.).—*Water Commissioners, Board of.* Milwaukee water works. Reports on the trial of duty and capacity of the pumping-engines. [*New York: D. Appleton & Co., prtrs.*,] 1875. 44 p., 2 plans. 8°.

Mitchell (C. J.) Tables for computing compound duplex steam pumps. (Engineering News. v. 52, pp. 434–435. *New York*, 1904.)

Moriondo (Ezio). Del moto dell' acqua nei tubi di cacciata delle pompe a stantuffo. (Rivista tecnica delle sci., etc. Anno 4, pp. 507–529. *Torino*, 1904.)

Morris (Henry G.) The pumping-engines in the city of Philadelphia. (Proc. Engineers' Club of Phila. v. 17, pp. 185–198. *Philadelphia*, 1900.)

Mueller (Otto H.), *jr.* Das Pumpenventil. Ein Buch für Konstrukteure. *Leipzig: A. Felix*, 1900. ix, 152 p. 8°.

—— Neuere Duplex-Pumpmaschinen, Schwungrad-Pumpmaschinen und Turbinenpumpen. 1 pl. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 981–989; 1028–1031; 1181–1190. *Berlin*, 1905.)

Murray (George Y.) On an apparatus for raising oil or water from wells or stores. (The Chapman air-lift system.) (Roy. Scottish soc. of arts. Trans. v. 15, pp. 60–67. *Edinburgh*, 1899.)

Nadal (Joseph). Condenseurs par mélange et pompes à air. (Rev. de mécanique. v. 8, pp. 609–621. *Paris*, 1901.)

Nagle (The) pumping engine, built by the Providence Steam Engine Co., Providence, R. I. *New York: Wheat & Cornett*, 1876. 18 pp., 1 pl. 8°.

New Bedford (Mass.).—*Water Commissioners.* Specifications for the construction and erection of a condensing beam pumping engine and two boilers for the New Bedford water works. [*New Bedford*, 1867?] 7 pp. sq. 4°.

A **new** high duty record for pumping engines. (Engineering News and Amer. Railway Jour. *New York*, 1898. v. 40, pp. 206–207. f°.)

—— —— (Jour. Amer. Soc. of Naval Engineers v. 10, pp. 1090–1097.)

Nordberg (The) pumping engine at Wildwood, Pa. 1 pl. (Engineering News. v. 44, pp. 118–120. *New York*, 1900.)

"**Orvo**" valveless reciprocating pumps. (Marine Engineer. v. 25, pp. 38–42. *London*, 1903.)

Pearn's compound single-acting ram pump. (Engineering. v. 72, pp. 359 and 355. *London*, 1901.)

Perényi (Alexander). Anleitung zur Beurtheilung und Bestimmung der Brunnen-Ergiehigkeit und zur rationellen Ausnützung der Ergiebigkeit von Pumpenanlagen. Für Brunnen- und Eisenbahn-Ingenieure verfasst. *Wien: A. Hartleben*, 1900. vii, 60 p. 8°.

Phelps & Messinger. Description of Farnam's patent hydraulic apparatus, for raising water ... also, description of fire engines, fountains ... *Oneida Depot: Phelps & Messinger*, 1847. 96 p. illus. 8°.

Pitcher (F. H.) Pumping by electricity. 8 pl. (Jour. New Eng. Water Wks. Assoc. v. 17, pp. 349–373. *Boston*, 1903.)

Pittsburgh.—*Water Commissioners, Board of.* [Specifications of the pumping engines for the Pittsburgh Water Works to be erected on the Allegheny River above Negley's Run.] [*Pittsburgh*, 1872.] 28 p. 4°.

Pompe électrique souterraine installée à la fosse Lambrecht, compagnie des mines d'Anzin. 3 pl. (Portefeuille écon. d. machines. Sér. 4, v. 8, col. 81–89. *Paris*, 1899.)

Portemont (Édouard). Étude sur pompe sèche. (Bull. technol. Soc. d. anciens èléves. 1902, v. 2, pp. 867–882. *Paris*, 1902.)

—— —— (Rev. tech. année 23, pp. 99–103. *Paris*, 1902.)

Providence (R. I.).—*Water Commissioners, Bd. of.* Reports of the water commissioners and George H. Corliss, relative to pumping-engines for the water works ... *Providence: Hammond, Angell & Co., prtrs.*, 1873. 28 p. 8°. (Providence. City doc. 35, 1873/4.)

—— —— The Nagle pumping engine, built by the Providence Steam Engine Co., Providence, R. I. *New York: Wheat & Cornett, prtrs.*, 1876. 18 p., 2 plans, 1 pl. 8°.

—— —— Report relating to the pumping engine at Pettaconset. *Providence: Angell, Burlingame & Co., prtrs.*, 1877. 5 p. 8°. (City doc. no. 27.)

Pumpen- und Brunnenbau, Bohrtechnik und Rohren Industrie. 1906–date. *Berlin*, 1906–date. f°.

Current. Weekly.

Pumping engine for the Hitchin water works. (Engineering. v. 73, pp. 566–567, 572. *London*, 1902.)

Pumping engine for an ironworks. (Engineer. v. 97, pp. 181. *London*, 1904.)

Pumping engines for Brighton Corporation. illus. (Engineer. v. 103, pp. 427–428. *London*, 1907.)

Pumping engines of the Budapest waterworks. (Engineer. v. 100, pp. 286–287. *London*, 1905.)

Pumps, cont'd.

Pumping machinery for the new graving-dock, Colombo, Ceylon. (Engineering. v. 83, pp. 643. *London*, 1907.)

Pumping plant of the Skinner dry dock, Baltimore, Md. (Engineering Rec. v. 45, pp. 271–272. *New York*, 1902.)

Pumpmaschinen für die Berliner Wasserwerke am Nüggelsee. 1 pl. (Zeitschr. des Vereines deutscher Ingenieure. *Berlin*, 1898. 4°. v. 42, pp. 1401–1403.)

Reports of tests of three new pumps for Chicago water works, made in 1902. (Jour. Western Soc. of Engineers. v. 8, pp. 333–343. *Chicago*, 1903.)

Reynolds (Irving H.) Municipal water-works pumping engines. (Amer. Soc. Civil Engineers. Internat. Engineering Congr., 1905, Transac. v. 54, pt. D., pp. 513–532. *New York*, 1905.)

—— Present pumping engine practice of the Edward P. Allis Co. compared with that of twenty-five years ago. (Jour. New Eng. Water Works Assoc. *New Haven, Conn.*, 1899. 8°. v. 13, pp. 172–200.)

Reyval (J.) La pompe express Riedler. (L'Éclairage électrique. v. 32, pp. 5–13. *Paris*, 1902.)

Rice (Arthur L.) Steam pumps. Instruction paper prepared by A. L. Rice. *Chicago: American School of Correspondence*, 1905. 102 p., 3 l. illus. 8°.

Richmond (Va.).—*Water Works, Office of.* Proposals, contract and specifications for hydraulic pumping machinery. [*Richmond*, 1880.] 26 p., 1 l. 4°.

Riedler (The) "express" pump. (Engineering. v. 73, pp. 308–310. *London*, 1902.)

Riedler pumps at the Powell-Duffryn collieries. Constructed by Messrs. Fraser and Chalmers, limited, Engineers, Perth. (Engineering. v. 73, pp. 114–116. *London*, 1902.)

—— —— (Engineering. v. 73, pp. 48. *London*, 1902.)

Riehlé Bros. Testing Machine Co. Riehlé catalogue of Riehlé hydraulic pumps and presses (hand and power), Riehlé hydraulic accumulators, Riehlé standard hydraulic crane, Riehlé-Robie patent screw jacks . . . [*Philadelphia: The Company*, 190–?] 16 p., 1 l. illus. f°.

Riley (Joseph Cains), *jr.* The pulsometer steam pump. illus. (Technology quarterly. v. 14, pp. 243–254. *Boston*, 1901.)

—— —— (Practical Engineer. v. 25, pp. 441–442; 462–463. *London*, 1902.)

Rix (Edward A.) Pumping by compressed air. (Jour. Assoc. Engineering Soc. v. 25, pp. 173–216. *Philadelphia*, 1900.)

Rouy ( ). Les pompes express Riedler à commande électrique. (Rev. d. mécanique. v. 7, pp. 710–719. *Paris*, 1900.)

Rudolf (Karl). Beurteilung der Saugleitung einer Kolbenpumpe. (Dinglers polytech. Jour. Jahrg. 82, v. 316, pp. 728–729. *Stuttgart*, 1901.)

Rumsey & Co. Illustrated catalogue of hand and power pumps. . . [*Akron, O.: The Werner Co.*,] 1902. 256 p. 53. ed. 8°.

Sando (Will. J.) Metropolitan water works pumping machinery. 5 pl. (Jour. New Eng. Water Wks. Assoc. v. 15, pp. 299–304. *Boston*, 1901.)

—— A report on trial of 30,000,000 gallon pumping engine at the Chestnut Hill high-service station of the metropolitan water works, made May 1. and 2., 1900. (Jour. New Eng. Water Works Assoc. v. 15, pp. 232–243. *Boston*, 1901.)

Scherpenzeel Hensch (T. van), *baron.* Het stelsel van water-opvoering, in toepassing gebragt te Dreumel, uitgevonden door H. F. Fijnje, beschreven. *Nijmegen: J. F. Thieme*, 1847. 1 p.l., 5–39 p., 1 pl. 8°.

Schleifmühle (The) express pump. (Engineering. v. 72, pp. 403 and 405. *London*, 1901.)

Schröder (Rud.) Neuere Pumpmaschinen des Hamburger Wasserwerkes. 2 pl. (Verein deut. Ingenieure. Ztschr. v. 51, pp. 925–933, 987–994, 1178–1184, 1222–1227. *Berlin*, 1907.)

—— Versuche zur Ermittlung der Bewegungen und Widerstandsunterschiede grosser gesteuerter und selbstthätiger federbelasteter Pumpen-Ringventile. 5 pl. (Ztschr. d. Vereines deut. Ingen. v. 46, pp. 661–669. *Berlin*, 1902.)

Scott (Arthur Curtis). Test of a vertical triple expansion high duty pumping engine in operation at the water works San Antonio, Texas. *Austin: Univ. of Texas*, 1905. 52 p., 6 pl. 8°. (Univ. of Texas. Bull. no. 59. Scientific ser. no. 5.)

Sewerage pumps and lifts. (Municipal Jour. and Engineer. v. 22, pp. 440–444. *New York*, 1907.)

Shrewsbury water-works high pressure pumping plant. (Engineer. v. 95, pp. 612–613. *London*, 1903.)

Shedd (J. Herbert). Communication in review of the communication from Geo. H. Corliss upon the pumping engine at Hope station. . . *Providence: Hammond, Angell & Co., city prtrs.*, 1873. 9 p. 8°. (Providence (R. I.) Aldermen, Bd. of. City doc. 1873–74. no. 38.)

Smith (John E.) Comparison between high and low duty pumping engines on a small water works plant. (Jour. New Eng. Water Works Assoc. v. 14, pp. 163–166. *Boston*, 1899.)

Southwark and Vauxhall water company's pumping station at Streatham. (The Engineer. *London*, 1898. f°. v. 85, p. 400.)

Steam Syphon Company, New York. [Prospectus.] *New York*, 1866. 19 p. 8°.

Stilwell-Bierce (The) & Smith-Vaile Co. Catalogues. no. 40 and 42. *Dayton, O.*, 1902. ob. 16°.

Streatham pumping station. (Engineer. *London*, 1898. f°. v. 85, pp. 569.)

Strebel (C.) Luftpumpen für Schiffsmaschinen. (Ztsch. d. Vereines deut. Ingenieure. v. 49, pp. 1930–1937, 1981–1989, 2019–2026, 2102–2108. *Berlin*, 1905.)

Swann (Hugh P.) The practical results obtained on changing the motive power of an underground pump from steam to electricity. (Transac. Inst. of Mining Engineers. v. 22, pp. 214–217. *Newcastle-upon-Tyne*, 1902.)

Pumps, cont'd.

Taylor (Messrs. John), Sons and Santo Crimp. Description of automatic electrically-driven pumping machinery, erected in St. Mary's water-tower for the borough of Shrewsbury. 2 pl. (Proc. Incorporated Assoc. Municipal and County Engineers. v. 30, pp. 504–506. *London*, 1904.)

Test of 30,000,000-gallon pump at Chestnut Hill, Boston. (Engineering Rec. v. 42, p. 113. *New York*, 1900.)

Thiran (Victor). Quelques considérations sur l'injection de l'air dan les élévateurs d'eau. (Pub. soc. d. ingen. ser. 3, v. 11, pp. 109–115. *Liége*, 1901–2.)

Triple-expansion pumping engine, Haughhead colliery, Uddingston. Messrs. The Glenfield company, limited, Kilmarnock, engineers. (Engineer. v. 87, pp. 338–340. *London*, 1899.)

Turneaure (F. E.), *and* H. L. Russell. Public water-supplies... With a chapter on pumping machinery by D. W. Mead. *New York: J. Wiley & Sons*, 1901. xiv, 746 p. 8°.

Unusual (An) pump [to be installed at the Catlettsburg, Ky., waterworks]. (Engineering Rec. v. 52, pp. 608–609. *London*, 1905.)

Unwin (W. Cawthorne). Triple-expansion pumping engines, Leeds Hathorn, Davey, and Co., Leeds, engineers. (Engineer. v. 89, pp. 150–153. *London*, 1900.)

Variable-stroke pump. (Engineering. v. 80, pp. 273 and 275. *London*, 1905.)

Venable (William Mayo). The principles of design of velocity pumps. (Amer. Soc. of Civil Engineers. Internat. Engineering Cong., 1905, Transac. v. 54, pt. D., pp. 473–512. *New York*, 1905.)

Vogl (Gg.) Wirkungsweise und Berechnung der Kolbenpumpen. (Ztschr. f. Elektrotechnik u. Maschinenbau. v. 8, pp. 5–8; 14–17. *Potsdam*, 1905.)

Vorpumpmaschinen der Charlottenburger Wasserwerke und des Wasserwerkes Halle a S., ausgeführt von der Berliner Aktiengesellschaft für Eisengiesserei und Maschinenfabrikation Charlottenburg. (Zeitschr. d. Vereines deutscher Ingenieure. v. 43, pp. 481–482. *Berlin*, 1899.)

Wakeman (W. H.) Duty test of a high-service pumping engine. (Sci. and Industry. v. 7, pp. 281–283. *Scranton, Pa.*, 1902.)

Water (A) motor pump. (Amer. Machinist. v. 23, pp. 393–394. *New York*, 1900.)

Weir (G. & J.) Weir's boiler-feeding specialties. Marine feed-water heaters, boiler feed pumps, bilge pumps, evaporators, etc... [*London: Waterlow & Sons*, 1895.] 75 pp., 1 pl. 4°.

What causes the liquid to flow into the cylinder of a pump—The single-acting pump—The double-acting pump—Suction of pumps. (Home study for Machinists, Steam Engineers, etc. v. 1, pp. 81–84. *Scranton, Pa.*, 1897.)

Wheeler (F. Meriam). Comparative value of different arrangements of suction air chambers on pumps. (Transac. Amer. Soc. of Mechanical Engineers. v. 22, pp. 439–446. *New York*, 1901.)

Wheeler (W. W.) On the cost of irrigation by electrically driven pumps from transmission services. (Electr. Rev. v. 47, pp. 465–466. *New York*, 1905.)

Whitelaw (John). An improved pump bucket and its economy. pl. (Roy. Scottish Soc. of Arts. Trans. v. 14, pp. 18–21. *Edinburgh*, 1895.)

Whitesboro Iron Works. Circular and descriptive catalogue of the Whitesboro Iron Works ...Whitesboro, N. Y. *Utica, N. Y.: T. J. Griffiths*, 1873. 29 p. 8°.

Whitten (Frank A.) Some recent pumping engine tests. (Engineering News. v. 51, pp. 485–488. *New York*, 1904.)

Wilkin (John T.) Rotary pumps. [With discussion.] (Amer. Soc. Mechanic. Engineers. Trans. v. 24, pp. 385–396. *New York*, 1903.)

Wilkinson (Thomas Lee). Test of the Corliss engine at the Saratoga Mine, Central City. Some pumping data. Description of the Tabor steam engine indicator. 1 illus. plate, 2 diagrams. (Colorado Sci. Soc. Proc. v. 7, pp. 23–39. *Denver, Col.*, 1901.)

Williams (Richard C.) The municipal pumping station of Buffalo. [illus.] (Engineer. v. 44, pp. 127–131. *Chicago*, 1907.)

Wilson (J. B.) A two hours' test of a steam ram pumping plant. (Proc. Incorp. Assoc. of Municipal and County Engineers. *London*, 1898. 8°. v. 24, pp. 306–309.)

Wood (P. K.) Descriptive catalogue of Wood's deep well propeller pumps...Invented and manufactured by P. K. Wood. [*Los Angeles, Cal.: Atwood Kruckeberg Press*, 1900.] 48 p. 16°.

Wood (R. D.) & Co. Water and gas works appliances and pumping machinery. [*Philadelphia*, cop. 1902.] 175 p., 3 tab. 6. ed. 4°.

—— Water and gas works appliances and pumping machinery. *Philadelphia: R. D. Wood & Co.*, 1901. 175 p. illus. f°.

Worthington (Charles C.) The latest designs in Worthington pumping machinery, comparing them with the practice of twenty years ago. 1 pl. (Jour. New Eng. Water Works Assoc. *New London*, 1899. 8°. v. 13, pp. 229–241.)

Worthington (Henry R.) The Worthington steam pumping engine. History of its invention and development...[*New York?*] 1876. viii, 211 p. illus. 8°.

—— —— 1886. viii, 150 p., 1 pl. illus. 8°.

—— Force pump with fire engine attachment. *New York*, 1847. 16 p. 8°.

—— The Worthington duplex engine, as applied to water works. [Also descriptions of other engines.] *n. t.-p.* [*New York*, 1877?] v. p., diagrams and plates. 8°.

Pumps (Centrifugal).

American (An) sewage pumping engine. (Engineer. v. 97, pp. 254–256. *London*, 1904.)

Bartl (J.) The selection of the most suitable form of vane for centrifugal pumps. 1 pl. (Amer. Soc. Naval Eng. Jour. v. 3, pp. 558–571. *Washington*, 1891.)

Pumps (Centrifugal), cont'd.

Benetti (Jacopo). Formole fondamentali di applicazione generale per le turbine motrici e per le pompe centrifughe elevanti. 1 pl. (Mem. d. R. accad. d. sci. d. istituto di Bologna. ser. 5, v. 7, pp. 521–540. *Paris*, 1900.)

Blecken (C.) Das Peltonrad Pumpwerk insbesondere als Mittel zur Wasserversorgung hochgelegener Ortschaften, Gehöfte Villen, etc. (Schilling's Jour. f. Gasbeleucht. Jahrg. 44, pp. 24–26. *München*, 1901.)

Biel (R.) Die Wirkungsweise der Kreiselpumpen und Ventilatoren. Versuchsergebnisse und Betrachtungen. 64 p. (Mitteil. u. Forschungsarbeit. a. d. Gebiete d. Ingenieurwesens. 1907, no. 42. *Berlin*, 1907.)

Brüll (A.) Les pompes centrifuges. (Mém. & compte rendu d. trav. Soc. d. Ingén. civils de France. Bull. année 53, v. 1, pp. 457–467. *Paris*, 1900.)

—— Rapport fait au nom du Comité des arts mécaniques, sur l'ouvrage de A. H. Courtois, ingenieur, intitulé: Essai sur les pompes centrifuges. Recherches expérimentales. (Bull. de la Soc. d'encouragement pour l'industrie nationale. ser. 5, v. 5, pp. 716–726. *Paris*, 1900.)

Centrifugal pumping plant for Wallasey dock. (Engineer. v. 93, pp. 34–36. *London*, 1902.)

Collignon (E.) La pompe centrifuge de M. Marchand-Bey. (Bull. de l'assoc. d. chimistes de sucrerie et de distillerie. v. 18, pp. 995–1000. *Paris*, 1901.)

Courtois (A. H.) Note sur les pompes centrifuges émulsives. (Rev. de mécanique. v. 7, pp. 163–166. *Paris*, 1900.)

Dubbel (H.) Hochdruck-Kreiselpumpen. (Ztschr. d. Vereins deutsch. Ingen. v. 48, pp. 1003–1006. *Berlin*, 1904.)

Durley (R. J.) High-lift turbine pumps. Their design and efficiency. (Engineering Maga. v. 31, pp. 503–525. *New York*, 1906.)

Elling (Ægidius). A system of regulating centrifugal fans and pumps. (Practical Engineer. v. 31, pp. 525–527; 567–569. *London*, 1905.)

Fieber (Alexander). Die Pumpwerke auf der Deutschen Gewerbe- und Industrieausstellung in Aussig 1903. 1 pl. (Österr. Ztschr. f. Berg- u. Hüttenwesen. Jahrg. 52, pp. 145–150. *Wien*, 1904.)

Foerster (Ernst). Vergleichende Untersuchungen von Kreiselpumpen . . . *Breslau: Trewendt & Granier*, 1905. 57 p., 9 diag. 8°.

Gass (William). Construction of centrifugal pumps. (Prac. Engineer. v. 34, pp. 780–783, 813–815. *London*, 1906.)

Gregory (W. B.) Tests of centrifugal pumps. (Transac. Amer. Soc. of Mechanical Engineers. v. 22, pp. 262–274. *New York*, 1901.)

Gruenebaum (Egon R. v.) Zur Theorie der Zentrifugalpumpen. *Berlin: J. Springer*, 1905. vii, 119 p., 2 diag., 1 pl. 8°.

Gusmani (Luigi). Pompe centrifughe per l'esaurimento di grandi masse d'acqua sulle navi da guerra. 2 pl. (Riv. Marittima. anno 39, pp. 31–39. *Roma*, 1906.)

H. (F.) Les pompes-turbines multicellulaires actuelles. (Génie civil. v. 47, pp. 346–347. *Paris*, 1905.)

Hagens (H.) Die Kreisel und ihre Leistungen. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 807–813. *Berlin*, 1905.)

Harris (Elmo G.) Theory of centrifugal pumps and fans; analysis of their action, with suggestions for their designs. [With discussion.] (Amer. Soc. Civil Engineers. Transac. v. 51, pp. 166–252. *New York*, 1903.)

—— —— (Proceedings. Papers. v. 29, pp. 479–536. *New York*, 1903.)

Harroun (Philip E.) Test of a three-stage, direct-connected, centrifugal pumping unit. [Discussion.] (Amer. Soc. of Civil Engineers. Proc. v. 31, pp. 611–624. *New York*, 1905.)

Heerwagen (F.) Wasserhaltung der Compañia Minera y Metalúrgica del Horcajo mit elektrisch betriebenen Hochdruck-Zentrifugalpumpen von Gebrüder Sulzer. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1549–1559. *Berlin*, 1901.)

Herzog (S.) Pompes centrifuges à haute pression système Sulzer. (L'éclair. electr. v. 44, pp. 249–261; 335–340; 378–384; 451–458. *Paris*, 1905.)

Hesse (F. G.) The efficiency of compound centrifugal pumps. (Jour. Assoc. of Engineering Soc. v. 27, pp. 232–235. *Philadelphia*, 1902.)

High-lift (A) centrifugal pump. (Practical Engineer. v. 28, pp. 540–541. *London*, 1903.)

High-lift turbine-pumps. (Engineering. v. 77, pp. 883; 887–888. *London*, 1904.)

High-speed centrifugal fans and pumps. (Engineer. v. 93, pp. 231–232; 252–254. *London*, 1902.)

Hochdruck-Zentrifugal pumpen von Gebrüder Sulzer in Winterthur (Schweiz) und Ludwigshafen a Rh. (Praktische Maschinen-Konstrukt. Jahrg. 39, pp. 161–162, 172–174, 177–179. *Leipzig*, 1906.)

Inokuty (A.) Results of tests of a forced vortex centrifugal pump. (Practical Engineer. v. 32, pp. 484–486. *London*, 1905.)

Jordis (Edward). Über eine Laboratoriums-Kreispumpe. (Ztschr. f. Elektrochemie. Jahrg. 7, pp. 464–466. *Halle a. S.*, 1901.)

Kent (Wm.), *and* J. E. Denton. Centrifugal pump tests. (Jour. Amer. Soc. of Naval Engineers. v. 16, pp. 547–563. *Washington*, 1904.)

Lavergne (Gérard). Pompe centrifuge Schabaver pour élévation d'eau à grande hauteur. (Le genie civil. v. 40, sem. 1, pp. 413–415. *Paris*, 1902.)

Lindner (Georg). Zentrifugalpumpe und Exhaustor aus Steinzeug. (Ztschr. f. angewandte Chemie. Jahrg. 18, pp. 209–214. *Berlin*, 1905.)

Lorenz (H.) Theorie und Berechnung der Vollturbinen und Kreiselpumpen. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 1670–1675. *Berlin*, 1905.)

Leopold (H. G.) Theory of the centrifugal pump. 1 pl. (American Soc. Naval Eng. Jour. v. 3, pp. 335–344; 483–488. *Washington*, 1891.)

Masson (Léon). Rapport fait au nom du Comité des arts mécaniques sur les pompes centrifuges de F. I. Schabaver pour l'elevation des

Pumps (*Centrifugal*), *cont'd.*

liquides à de grandes hauteurs. (Bull. de la Soc. d'encouragement pour l'industrie nationale. ser. 5, v. 5, pp. 863–876. *Paris*, 1900.)

Neumann (Fritz). Die Zentrifugalpumpen mit besonderer Berücksichtigung der Schaufelschnitte. *Berlin: J. Springer*, 1906. viii, 197 p., 7 diag. illus. 8°.

Passelecq (Maurice) *and* Camille RICHIR. Note sur les turbines à vapeur et pompes centrifuges installées au Charbonnage de Baudour. illus., 5 pl. (Soc. d. Ingén. sortis d. l'école prov. d'indust. & d. mines du Hainaut. Pub. ser. 3, v. 15, pp. 51–89. *Liège*, 1905–06.)

Patrick (Mason M.) An improved centrifugal dredging pump. (Engineering News. v. 50, pp. 26–27. *New York*, 1903.)

Reports on tests of a centrifugal pump and a "Sirocco" blower driven by De Laval steam turbines. 2 pl. (Jour. Amer. Soc. of Naval Engineers. v. 17, pp. 85–103. *Washington*, 1905.)

Rey ( ). Les pompes centrifuges multicellulaires à grande élévation du système Rateau. (Bull. Soc. d'encouragement pour l'indust nat. v. 106, pp. 430–452. *Paris*, 1904.)

Richards (John). The development of high-pressure centrifugal pumps on the Pacific coast. (Jour. Assoc. of Engineering Soc. v. 36, pp. 32–36. *Boston*, 1906.)

Rittinger (P.) Centrifugal-Ventilatoren u. Centrifugal-Pumpen; Theorie und Bau aller arten derselben, mit Berücksichtigung der Resultate zahlreicher selbst abgeführten Versuche. 5 Fig. *Wien*, 1858. 8°.

Roturbo (The) centrifugal pump. illus. (Engineer. v. 103, pp. 496–498. *London*, 1907.)

Rousselet (L.) Théorie et emploi des pompes centrifuges dans les ports et canaux, avec établissement de murs de quais; des dragues à succion à propulseurs, d'alimentation, de récupération et d'épuisement d'eau. 6 pl. (Bull. technol. Soc. d. anciens éléves, etc. 1905. pp. 351–403, 587–655, 687–767. *Paris*, 1905.)

Schütt (L.) Die Wirkungsgrade von Ventilatoren und Zentrifugalpumpen. (Ztschr. d. Vereins Deuts. Ingenieure. v. 50, pp. 1715–1719. *Berlin*, 1906.)

Schultz (Joseph S.) The development of dry-dock pumping machinery. (Engineering Maga. v. 28, pp. 348–368. *New York*, 1904.)

Schulze-Pillot (G.) Bericht über Versuche an Steinzeug-Exhaustoren der Deutschen Ton-und Steinzeugwerke-Aktiengesellschaft in Charlottenburg. (D. T. S.-Exhaustoren.) (Ztschr. f. angewandte Chemie.) Jahrg. 20, pp. 51–66. *Leipzig*, 1907.)

—— Versuche an Steinzeug-Zentrifugal-pumpen. (Ztschr. f. angewandte Chemie. Jahrg. 19, pp. 420–430. *Berlin*, 1906.)

Smith (Jas. Alex.) Flow through centrifugal pumps. (Engineering. v. 74, pp. 762–764. *London*, 1902.)

Some tests of high-speed centrifugal pumps. (Engineering News. v. 51, pp. 512–513. *New York*, 1904.)

Sosnowski (K.) Sur les pompes centrifuges de Laval à haute pression. (Bull. Soc. d'encouragement pour l'indust. nat. v. 106, pp. 415–429. *Paris*, 1904.)

Stanton (Thomas E.) Experiments on the efficiency of centrifugal pumps. 1 pl. (Inst. of Mechanic. Engineers. Proc. 1903, pp. 715–766. *London*, 1903.)

Testing high-pressure centrifugal pumps. (Practical Engineer. v. 34, pp. 582–585. *London*, 1906.)

Tests of a new centrifugal pump. (Engineering Rec. v. 54, pp. 352–353. *New York*, 1906.)

Tests of turbine pumps. (Engineer. v. 41, pp. 418–420. *Chicago*, 1904.)

Turbine (The) pumping plant of the Buffalo water works. (Engineering Rec. v. 52, pp. 488–489. *New York*, 1905.)

Webber (William O.) Some types of centrifugal pumps. [With discussion.] 1 pl. (Transac. Amer. Soc. Mechanical Engineers. v. 26 (50.–51. meeting, 1904–'05) pp. 764–800. *New York*, 1905.)

White (W. M.) Water measurements in connection with a test of a centrifugal pump at Jourdan Avenue drainage station, New Orleans, La. (Jour. Assoc. Engineering Soc. v. 25, pp. 161–172. *Philadelphia*, 1900.)

Williamson Brothers. Improved centrifugal pump, with exterior whirlpool. *n. p.* [18—] 20 p. 12°.

RAM (HYDRAULIC).

Baillairgé (C.) A particular case of hydraulic-ram or water-hammer. (Royal Society of Canada, Proceedings and transactions. v. 2. Section 3. pp. 81–86. *Montreal*, 1885. f°.)

Hasluck (Paul Nooncree). Pumps and hydraulic rams. *London: Cassell & Co.* [1907] viii, (i), 10–160 p. illus. 16°. ("Work" handbooks.)

Johnson (Theo. W.), *and others*. Tests of a Rife hydraulic ram. (The Stevens Indicator. *Hoboken*, 1898. 8°. v. 15, pp. 140–162.)

Langsdorf (Karl Christian von). Ueber die Gesetze des Stosses, vorzüglich in Anwendung auf den hydraulischen Stösser (Belier hydraulique). (Kön. Bayer. Akad. d. Wiss. Denksch. Math. Phys. Kl. Bd. II. pp. 517–580, 3 pl. *München*, 1811. 4°.)

Niagara Hydraulic Engine Co. [Catalogue of hydraulic rams.] *Chester* [1902]. 9 l., 2 pl. 8°.

Zink ( ). Der hydraulische Widder. illus. (Österr. Wochenschrift f. d. öffentl. Baudienst, Jahrg. 13, pp. 80–85. *Wien*, 1907.)

RESERVOIRS.

See DAMS, WEIRS AND RESERVOIRS.

RIVERS.

See also LEVEES, LOCKS.

Amélioration de l'embouchure des fleuves débouchant dans les mers sans marée. [Sept. rapports presentés au Xe Congrès international de navigation à Milan, 1905.] (Annales d. ponts et chaussées. Partie technique. 1907, no. 1, pp. 5–59. *Paris*, 1907.)

Rivers, cont'd.

Andreocci (Ettore). Determinazione della curva del pelo d'acqua in un alveo in prossimitá dello sbocco. (Giornale del genio civile. anno 39, pp. 61–93. *Roma*, 1901.)

Barnes (H. T.) On some measurements of the temperature of the Lacine Rapids. *Montreal.* 1898. 1 p.l., 17–30 p. 8°. (McGill University. Papers from the dept. of physics, no. 8.)

Repr.: Trans. Royal Soc. of Canada, 1897, sec. 3.

Berthélemy (H.) La question de la délimitation des fleuves et rivières d'après la nouvelle loi sur le régime des eaux. (Rev. gén. d'administration. Année 1899, v. 1, pp. 385–401. *Paris*, 1899.)

Berthot (P.) Traité des routes, rivières & canaux. Tome .. 2... *Paris: Fanchon & Artus* [1898?]. 4°. (Encycl. théor. & prat. des connais. civ. & mil. Pt. civ. Cours de construct. Pt. 9, v. 2.)

Bindemann (H.) Influence des travaux de régularisation sur le régime des fleuves et des rivières. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 14 p., 1 l., 2 pl. 4°. (VIII. International Congress on navigation. sec. 1., ques. 1.)

Text also in English.

Bosse (M. J. van). Utilisation des voies navigables naturelles. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 12 p., 6 pl. 8°. (VIII. International Congress on navigation. sec. 2., ques. 3.)

Text in English and French.

Bouniceau (M.) Sur la navigation des rivières à marée et la conquête des lais et relais de leur embouchure. *Paris*, 1845. 8°.

Brooks (W. A.) Treatise on the improvement of the navigation of rivers. *London*, 1841. 8°.

Brunhes (Bernard), *and* J. BRUNHES. Les analogies des tourbillons atmosphériques et des tourbillons des cours d'eau et la question de la déviation des rivières vers la droite. (Annales de géog. Année 13, pp. 1–20. *Paris*, 1904.)

Buckman (S. S.) The development of rivers; and particularly the Genesis of the Severn. (Natural Sci. v. 14, pp. 273–289. *Edinburgh*, 1899.)

Burton (J. R.) Flood prevention and irrigation: twin ideas. (North Amer. Rev. v. 177, pp. 522–532. *New York*, 1903.)

Callaway (C.) On a cause of river curves. (Geol. Maga. n. s. dec. 4, v. 9, pp. 450–455. *London*, 1902.).

Clark (Edward). Description of a plan for navigating rapids in rivers, with account of experiments. *Philadelphia*, 1823. pl. 8°.

Coletta (N.) Sui limiti della demanialitá dell' alveo dei fiumi. 1 pl. (Giornale del genio civile. anno 40, pp. 53–78. *Roma*, 1902.)

Cornish (Vaughan). Progressive and stationary waves in rivers. illus. (Engineering. v. 84, pp. 118–119, 284–286, 347–349. *London*, 1907.)

Crugnola (Gaetano). Zur Dynamik des Flussbetts. (Ztsch. f. Gewässerkunde. v. 4, pp. 268–304; v. 5, pp. 241–251. *Leipzig*, 1902–'03.)

Cunisset-Garnot. La Disparition d'une rivière. (La nature. année 29, sem. 1, pp. 58–59. *Paris*, 1900.)

Davis (W. M.) The development of river meanders. (Geol. Maga. n. s. v. 10, pp. 145–148. *London*, 1903.)

—— The stream contest along the Blue Ridge. 4 pl. (Bull. Geog. Soc. of Phila. v. 3, pp. 213–244. *Philadelphia*, 1903.)

Demontzey (P.) Traité pratique du réboisement et du gazonnement des montagnes. *Paris: J. Rothschild*, 1882. xxxi, 528 pp. 2. ed. 8°. (France. l'Agric. et du Commerce et des Travaux Publics, Minist. de.)

Doell (Albert). Die Regulierung geschiebefuehrender Wasserläufe, besonders des Oberrheines, durch eiserne Leitwerke... *Leipzig: W. Engelmann*, 1896. vi, 108 pp. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe, Hft. 6.)

Bibliography, pp. 83–88.

Dubislav (E.) Wildbachverbauungen und Regulierung von Gebirgsflüssen. *Berlin: P. Parey*, 1902. viii, 65 pp., 29 plans, 22 pls. f°. (Königl. Techn. Hochschule zu Berlin. Louis Boissonnet-Stiftung 1900.)

Euckenmayer (Rudolph). "Welche sind für Bayern die besten und ausführlichsten Mittel das Austretten der Flüsse, und die davon abhangenden Ueberschwemmungen zu verhindern?" *München: Im akademischen Verlage*, 1803. 160 pp., 4 pl. 12°.

K. B. Akad. Wiss. Phys. Abh. 2.

Fabre (J. A.) Essai sur la théorie des torrens et des rivières... *Paris: Bidault*, 1797. 1 l., 284 pp., 8 plans. 4°.

Fargue ( ). Les équations des lois empiriques de l'hydraulique fluviale. (Annales d. ponts et chaussées. ser. 8, v. 27, p. 121–128. *Paris*, 1907.)

Ferchland ( ). Zur Theorie der Flussbettbefestigungen. (Ztschr. f. Architektur u. Ingen. Jahrg. 1904, v. 50, (n. s. v. 9,) col. 396–400. *Wiesbaden*, 1904.)

Ueber **Flussregulirungen.** Discussion. (Ztsch. d. öesterr. Ingenieur. Jahrg. 52, pp. 559–564; 576–583. *Wien*, 1900.)

Forster (A. E.) Die Temperatur fliessender Gewässer Mitteleuropas. *Wien: E. Hölzel*, 1894. 321–427 p. 1 tab. 4°. (Geographische Abhandlungen. Bd. 5. Heft. 4.)

Franzius (Ludwig), *and others.* Seekanaele. Strommuendungen. Seehaefen. Von Ludwig Franzius, G. Franzius und R. Rudolff. *Leipzig: W. Engelmann*, 1894. v. 1, 140 p., 5 pl. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe. Hft. 2.)

Bibliography on pp. 3–7, 33–34, 60–61, 125–139.

Frisi (P.) Traité des rivières et des canaux navigables, traduit de l'Italien. *Paris*, 1774. 4°.

—— A treatise on rivers and torrents; with the method of regulating their course and channels. To which is added, An essay on navigable canals, by the same. *London: Longman, &c.*, 1818. vi, xx, 184 p., 2 maps, 1 tab. 4°.

Genneté (C. L.) Esperimenti sopra il corso de' fiumi: lettera ad un rappresentante, o sia maestrato Olandese...tradotta dal Franzese. *Terrara: G. Barbieri*, 1763. 172 p, 2 charts. 12°.

Rivers, cont'd.

Gilbert (G. K.) The sufficiency of terrestrial rotation for the deflection of streams. [*Washington? Nat. Acad. Sci.*, 1884?] 6 p. sq. 4°. (Nat. Acad. Sci. .v. 3.)

Girardon (H.) Amélioration des rivières en basses eaux... *n. t.-p. La Haye: Belifante frères*, 1894. 1 p.l., 70, 2 pp., 7 pl. 4°. (6th International Inland Navigation Congress. Question 7.)

Guglielmini (Domenico). Della natura de' fiumi con le annotazioni di E. Manfredi. *Milano: Società Tipographica de Classici Italiani*, 1821. 2 v. port. 8°.

Haupt (Lewis Muhlenberg). Reaction as an efficient agent in procuring deeper navigable channels in the improvement of rivers and harbors. (Amer. philos. soc. Proc. v. 42, pp. 199–211. *Philadelphia*, 1903.)

—— Jetties for improving estuaries. *n. t.-p. n. p.* [1888?] 8 p. 8°.

Repr.: Journal of the Franklin Institute. April, 1888.

—— Single curved vs. double straight jetties: An application of natural laws to the removal of bars. (Jour. Franklin Inst. v. 153, pp. 295–299. *Philadelphia*, 1902.)

Horn (A. v.) Bemerkungen zu der Anlage von Regulierungswerken auf Tideströmen. 1 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12, pp. 249–252. *Wien*, 1906.)

Idman (Gustav Niclas). *Om strömrensningars nytta och nödwändighet i Björneborgs län. *Åbo*, 1772. 16 p., 1 pl. 4°.

Improvment of the mouths of rivers discharging into tideless seas. General report by H. Turazza. [Reports by A. Guérard, Germelmann, A. Barcelloni, G. Bruno, P. Orlando, P. Tchekhovitch, V. E. de Timonoff.] *Brussels: Prt. Off. of the Publ. Works*, 1905. 8 pmps. 8°. (X. Internat. Congress on Navigation. Sec. 2, ques. 1.)

Improvements in shallow river navigation. (Marine Engineering. v. 7, pp. 506–507. *New York*, 1902.)

Jefferson (Mark S. W.) Limiting width of meander belts. (Nat. Geog. Maga. v. 13, pp. 373–384. *Washington*, 1902.)

Knapp (H. F.) Lecture, Apl. 24, 1879: River surfaces. Do jetties raise the bed as well as the surface?... [*New York*, 1879.] 8°.

Krebs (Wilhelm). Die meteorologischen Ursachen der Hochwasser-Katastrophen in den mitteleuropäischen Gebirgsländern. Vortrag vor den Abtheilungen für Geographie und für Meteorologie der Versammlung deutscher Naturforscher und Aerzte zu München 1899. *Hamburg*, 1900. 8 p., 1 foldg. pl. 4°. (Aus dem Archiv d. deutschen Seewarte. Jahrg. 23. no. 6.)

With short biography.

L. (G.) La prévision des crues. (Rev. tech. annales d. trav. pub. & d. chemins de fer et de l'automobilisme. *Paris*, 1899. f°. v. 20, pp. 63–69.)

La Brosse (R. de). Étude hydrologique d'un bassin de montagne. 1 pl. (Cong. de la houille blanche. Sept. 1902. Compte rendu. v. 1, pp. 165–184. *Grenoble*, 1902.)

Lagrene (H. de). Cours de navigation intérieure, fleuves & rivières. *Paris: Dunod*, 1862. 2 v. in 1. Texte and Atlas. f°.

—— —— *Paris*, 1869. 2 v. in 1. f°.

La Rivière (G.), *and* ( ) Borguin. Progrès des applications de la mecanique à l'exploitation des voies navigables. Monopoles de traction. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l, 29 p., 1 l., 1 map, 1 plan. 8°. (VIII. International Congress on navigation, Soc. 2., 4.)

Le Creulx (F. M.) Recherches sur la formation et l'existence des ruisseaux, rivières et torrens. qui circulent sur le globe terrestre; avec des observations sur les principaux fleuves qui traversent la France... *Paris: Bernard*, An XII [*i. e.*, 1804]. xv, 407 p., 1 l., 8 pl. 4°.

Léliavski (N.) Des courants fluviaux et de la formation du lit fluvial. *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 46, 3 p., 8 pl. 4°. (6th International Inland Navigation Congress. Question 6.)

Lely (C.) Rivieren en rivierwerken. *'s Gravenhage: Gebr, van Cleef.* 1890. viii, 519, p. and Atlas of 22 pl. 8°. (Waterbouwkunde. Deel 2II.)

Löschner (Hans). Über Böschungsanlagen bei Flussregulierungen. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12 (1906), pp. 557–558. *Wien*, 1906.)

Lokhtine (V.) Le mécanisme du lit fluvial. Traduit par A. M. Danzig ... *St. Pétersbourg: Trenke & Fusnot*, 1897. 1 p.l., 68 p., 1 l., 6 pl., 1 tab. 4°.

Cordemoy (C. de). A propos de l'étude de M. Lokhtine sur le Mécanisme du lit fluvial. (Mém. et compte rendu d. trav. Soc. d. ingenieurs civils de France. Bull. année 51, ser. 5, 1898, sem. 1, pp. 621–635. *Paris*, 1898.)

Vauthier (L. L.) Brèves observations sur l'étude de M. Lokhtine "Le mécanisme du lit fluvial." (Mém. et compte rendu d. trav. Soc. d. ingenieurs civils de France. Bull. année 51, ser. 5, 1898, sem. 1, pp. 648–661. *Paris*, 1898.)

Maksimoviecz (N.) Observations sur la formation des fonds dans un fleuve dont le cours est régularisé au moyen de digues et de barrages ... *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 12 p., 1 l., 2 plans, 1 pl. 4°. (6th International Inland Navigation Congress, Question 6.)

Mazel (Jan Zacharias). *De verdediging der rivierdijken bij ijsgang en hoog opperwater...3 p.l., 134 p. *Leiden: P. Somerwil*, 1886. 8°.

Michaelsson (Florencio). Conservación de la profundidad en canales dragados en el limo... leída...en el congreso científico Latino-Americano ...en Buenos Aires del 10 al 20 de Abril de 1898. *Montevideo: La Razón*, 1898. 16 p., 1 pl. 8°.

Millet (C.) Les merveilles des fleuves et des ruisseaux. *Paris*, 1871. il. pl. 12°. (Bibl. d. merv.)

Netherlands.—*Commission de Rechercher les Meilleurs Moyens de Faire Dériver les Eaux de Rivières.* Analyse du travail de la commission, chargée par arrêté de sa Majesté, du 15 Mars 1821 No. 105, de rechercher les meilleurs moyens de faire dériver les eaux des rivières. *La Hay : Imprimerie de l'état*, 1828. 1 p.l., 100 p. 8°.

Rivers, cont'd.

Neumann (G. B.) Studien über den Bau der Strombetten und das Baersche Gesetz. *Königsberg: R. Leupold, printer*, 1893. (4) 96, (2) p., 1 plan. 8°.

Newson (J. F.) The effect of sea barriers upon ultimate drainage. (Jour. of Geol. v. 7, pp. 445–451. *Chicago*, 1899.)

Partiot (H. L.) Étude sur les rivières à marée et sur les estuaires. [v. 1–2.] *Paris: Boudry et Cie.*, 1892–94. 2 v. in 1. 4°.

Poisson (Georges). Mémoire sur la forme des cours d'eau a fond mobile. (Annales des ponts et chaussées. Année 72 (ser. 8, année 2), trim. 1, pp. 32–88. *Paris*, 1902.)

Pollak (Ignaz). Ueber Flussregulirungen. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 52, pp. 477–484. *Wien*, 1900.)

—— Ueber neuere Flussregulierungs-Methoden. (Ztsch. d. oesterr. Ingen. u. Architek. Vereines. Jahrg. 53, pp. 654–658; 671–675. *Wien*, 1901.)

Relations entre la forme du tracé des rivières et la profondeur du chenal; par R. J. Castendijk, H. Doyer [and others]. *n. t.-p. La Haye: Belinfante frères*, 1894. [46 p.,] 17 diag. 4°. (6th International Inland Navagation Congress. Question 6.)

Report of the special committee for the consideration of the memoir of Mr. Hofrathes G. Wex, upon the diminution of the water of rivers and streams. (Presented April 23, 1874, to the Royal Academy of Vienna. Translated...by M. A. Henry.) (In: Smithsonian Institution. Report, 1875. pp. 196–204. *Washington*, 1876. 8°.)

Results obtained by dredging in increasing the depth of water of rivers. Technical and administrative organization of works undertaken with this object. General report by...I. Tornani. [Reports by E. Roloff, F. Kretz, E. Sassi, Kleiber, N. de Lelavski, J. A. Ockerson.] *Brussels: Pr. Off. of the Pub. Works*, 1905. 7 pmps. 8°. (X. Internat. Congress on Navigation. Sect. 1...com. 6.)

Révy (J. J.) Hydraulics of great rivers; the Paraná, the Uruguay, and the La Plata estuary. *London: E. & F. N. Spon*, 1874. xvi, 163 p. 1 map, 7 pl. f°.

Richardson (Ralph). River terminology. (Scottish geog. mag., v. 16, pp. 368–375. *Edinburgh*, 1900.)

Robert (Antoine). Influence des travaux de régularisation sur le régime des rivières. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 26 pp., 1 l., 2 plan. 4°. (VIII. International Congress on navigation. sec. 1., ques. 1.)
Text also in English and French.

Sanlaville (Ferdinand). La délimitation des fleuves et rivières navigables et flottables et la loi du 8 avril 1898. (Rev. gén. d'administration. 1899, v. 3, pp. 385–405. *Paris*, 1899.)

Schœffer (Carl Johan). Om medel at kunna förekomma flodvatnets öfver svämningar. *Abo*, 1786. 2 p.l., 22 pp., 1 pl. 4°.

Schreiber (P.) Zur Frage der Bestimmung des Abflusses aus Stromgebieten. (Zeitschrift für Gewässerkunde. *Dresden*, 1899. 8°. v. 2, pp. 37–54.)

Schutz (Der) und Winterhafen in der Freudenau. 4 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12, pp. 281–287. *Wien*, 1906.)

Seidel ( ). Régularisation des rivières en basses eaux. *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 13 p. 4°. (6th International Inland Navigation Congress. Question 7.)

Seddon (James A.) River hydraulics. (Amer. Soc. of Civil Engineers. Transac. v. 43, pp. 179–243. *New York*, 1900.)

Shaler (N. S.) Spacing of rivers with reference to hypothesis of baseleveling. (Bull. Geol. Soc. of Amer. v. 10, pp. 263–276. *Rochester*, 1899.)

Silberschlag (J. I.) Théorie des fleuves avec l'art de bâtir dans leurs eaux et de prévenir leurs ravages. Ouvrage trad. de l'Allemande. *Paris*, 1769. 4°.

Sleyden (P. [W]. van der), *and* R. J. Castendijk. Régularisation des rivières en basses eaux. *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 14 p. 4°. (6th International Inland Navigation Congress, Question 7.)

Stackpole (W. T.) The world's navigation. The problem of river mouths... *Bloomington, Ill.: Pr. of the Pantagraph*, 1879. 32 p. 8°.

Stevenson (D.) Remarks on the improvement of tidal rivers, illustrated by reference to works executed on the Tay, Ribble, Forth, Lune, and other rivers. *London: J. Weale*, 1849. 1 p.l., 37–49 p., 3 maps. 8°.

Suppan (C.) De la navigation sur les rivières à faible mouillage et les fleuves. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 33 p., 1 l., 4 plan. 8°. (VIII. International Congress on navigation, Sec. 2., ques. 3.)
Text in English and French.

Teele (Ray P.) The present status of rights to interstate streams. (Jour. Polit. Econ. v. 11, pp. 273–280. *Chicago*, 1903.)

Thiéry (E.) Restauration des montagnes, correction des torrents, reboisement; avec une introduction par M. C. Lechalas. *Paris: Baudry & Cie.*, 1891. xiii (1 l.), 418 p., 5 ll., 5 tab. diagr., ill. 8°. (Encycl. des. Trav. Publ.)

Timonoff (V. E. de). Régularisation des grands fleuves par le dragage mécanique des passes et l'appel des eaux. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 14 p., 1 l., 1 chart, 1 plan. 8°. (VIII. International Congress on navigation, sec. 2., ques. 3.)
Text in English and French.

Tower (Walter Sheldon). The development of cut-off meanders. Diagrams. (Amer. geog. soc. (Bull. v. 36, pp. 589–599. *New York*, 1904.)

Tutein-Nolthenius (R. P. J.) Influence des travaux de régularisation sur le régime des rivières specialement sur les inondations dans les Pays-Bas. Rapport. *Paris: Imp. Gén. Lahure*, 1900 1 p.l., 12 p., 1 map. 4°. (VIII. International Congress on navigation. Sec. 1., ques. 1.)
Text in English and French.

Vallés (F.) Études sur les inondations, leurs causes et leurs effets... *Paris*, 1857. 8°.

Rivers, cont'd.

Vauthier (L. L.) De l'influence des travaux de régularisation sur le régime des rivières, notamment en ce qui touche les inondations. (Annales d. ponts & chaussées. Pt. 1, sér. 8, année 1, pp. 108–160. *Paris*, 1901.)

—— Note sur une meilleure utilisation des cours d'eau naturels comme voies navigables à l'aide de réservoirs d'étiage...*Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 14 pp., 1 l. 4°. (VIII. International Congress on navigation. sec. 1.)

Vernon-Harcourt (L. F.) A treatise on rivers and canals relating to the control and improvement of rivers and the design, construction, and development of canals. Text and plates. *Oxford: Clarendon Press*, 1882. 2 v. 8°.

Vollmar (Georg). Waldverwüstung und Ueberschwemmung. Ein Kapitel der Grund- und Bodenfrage. *n. t.-p. Leipzig: Die Genossenschaftsbuchdruckerei* [187–?]. 20 p. 12°.

Walther (P.) Land und See. Unser Klima und Wetter. Die Wandlungen unserer Meere und Küsten. Ebbe und Flut. Sturmfluten. Mit 7 Wetterkarten. *Halle a S.: Gebauer-Schwetschke Druckerei*, 1907. 2 p.l., 75 (1) p., 7 maps. 8°. (Angewandte Geographie. Ser. 3. Heft 3.)

Wang (Fr.) Die Ursachen der Wasserverheerungen. (Ztsch. f. Gewasserkunde. v. 5, pp. 262–283. *Leipzig*, 1903.)

Weismuller ( ). Massregeln zur Hinterhaltung von Wasser und Gebirge. (Landwirtschaftliche Jahrbücher, v. 28, pp. 43–67. *Berlin*, 1899.)

Wex (G.) First treatise on the decrease of water in the springs, creeks, and rivers, contemporaneously with an increase in height of floods in cultivated countries. Trans. by G. Weitzel. *Washington: Gov. Print. Off.*, 1881. 57 p., 7 tab. 8°.

From the papers of the Soc. of Austrian engineers & architects, 1873, nos. 2, 4, 6.

Wheeler (William Henry). Tidal rivers. Their hydraulics, improvement, navigation. *London: Longmans, Green & Co.*, 1893. viii., 467 p., 1 chart, 1 pl. 8°. (Longman's civil engineering series.)

Willems (G.) Le maréosiphon appareil automatique de préservation contre les inondations de maré. (Annales d. ponts et chaussées. pt. 1, Pt. technique. 1902, trimest. 2, pp. 182–195. *Paris*, 1902.)

Williams (C. J. R.) On some effects of land floods in a tidal river. *London: Inst. Civ. Eng.*, 1901. 8 p., 1 map. 8°.

Excerpt: Proc. Inst. Civ. Eng. v. 145, pt. 3.

Wollny (E.) Ueber den Einfluss der Pflanzendecken auf die Wasserführung der Flüsse. (Ztschr. f. Gewässerkunde. v. 3, pp. 345–362. *Leipzig*, 1900.)

Gauging and Measurement.

Barnes (J. F.) An electrical river gauge. (Electr. Rev. v. 42, pp. 228. *New York*, 1903.)

Barrows (Harold Kilbreth). Some features of estimating stream flow in New England. 4 pl. (Jour. New Eng. Water Wks. Assoc. v. 19, pp. 437–450. *Boston*, 1905.)

Barrows (H. K.), *and* R. E. Horton. Determination of stream flow during the frozen season. *Washington: Govt. Ptg. Off.*, 1907. 93, ii p., 1 pl. 8°. (U. S. Geol. Surv. Water-supply and Irrig. Pap. 187.)

Bond (Edward A.) Report on the measurement of the volume of streams and the flow of water in the state of New York. *Albany: J. B. Lyon, state prtr.*, 1900. 128 p., 1 l., 1 map, 7 pl. 8°. (New York State. Engineer & Surveyor, Office of.)

Brown (George W.) River gauging with rod floats. (Wisconsin Engineer. v. 6, pp. 126–134. *Madison*, 1902.)

Church (W. L.) Formulas and computations for horse-power value of streams. (Engineering Rec. v. 52, pp. 11–12. *New York*, 1905.)

Davis (Arthur Powell). Report of progress of stream measurements for the calendar year 1896. Illus. 12 plates, 6 maps, 14 diagrams. (U. S. geol. survey. 18th ann. rep. pt. 4, pp. 1–418. *Washington*, 1898.)

—— River heights for 1896. *Washington: Govt. Prtg. Office*, 1897. 100 p. 8°. (U. S. Geological Survey. Water-supply & Irrigation Papers. no. 11.)

Electric (An) recording river gauge. (Engineering Rec. v. 41, pp. 221–222. *New York*, 1900.)

Gannett (Henry). Profiles of rivers in the United States. *Washington: Govt. Prtg. Office*, 1901. 100 p., 7 charts. (U. S. Geolog. Surv. Water-supply & Irrigation Papers. no. 44.)

Grunsky (C. E.) Gauging of California rivers. [*Sacramento: A. J. Johnston, supt. state prtg.*, 1895.] 30 pl. 8°. (California. Public Works Commissioner. App. Sen. & Ass. Jols., 31. sess. v. 4, doc. [3], 75–138.)

Hall (Benjamin Mortimer). Water powers of Alabama with an appendix on stream measurements in Mississippi. *Washington: Govt. Prtg. Off.*, 1904. 253 p., 1 map, 8 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 107.)

Harlacher (A. R.), *and* H. Richter. The discharge of rivers...*London*, 1888. 8°.

Ex. Inst. Civ. Eng. Min. of proceed. v. 91. sess. 1887–88, pt. 1.

Hearson (Thomas Alfred). A comparison of the flow of water in a river with that in a small-scale model of the river. *London: The Inst.*, 1901. 10 p. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 146. sess. 1900–1901. Pt. 4.

Hessle (Carl). Die mittlere Geschwindigkeit des Wassers in natürlichen Gewässern. (Zeitschrift für Gewässerkunde. *Dresden*, 1899. 8°. v. 2, pp. 20–36.)

Hoyt (John C.) Methods of estimating stream flow. (Engineering News. v. 52, pp. 104–105. *New York*, 1904.)

Hoyt (John Clayton), *and* Nathan Clifford Grover. River discharge. Prepared for the use of engineers and students. *New York: John Wiley & Sons*, 1907. vii, (i), 138 p., 1 map, 1 diagr., 5 pl. 8°.

Johnston (Clarence Thomas). Computation of discharge records and preparation of diagrams. 36 p. 26 pls. 1 fig. *Washington*, 1900. (U. S. Agriculture, Dept. of. Experiment stations, Office of. Bulletin 86. pp. 47–82.)

River Gauging, cont'd.

Kutter (Wilhelm R.) Bewegung des Wassers in Kanälen und Flüssen. Tabellen und Beiträge zur Erleichterung des Gebrauchs der neuen allgemeinen Geschwindigkeits-Formel von Ganguillet & Kutter... *Berlin: P. Parey*, 1904. 2 p.l., 134 p., 1 pl. 8°.

—— The new formula for mean velocity of discharge of rivers and canals. Trans. from articles in the 'Cultur-Ingénieur' by L. d'A. Jackson. *London: E. & F. N. Spon*, 1876. x, 1 l., 95, cxl, 1 l., 5 p., 2 tab. 8°.

Lea (R. S.) The flow of streams. [Discussion, etc.] 16 pl. (Transac. Canadian Soc. of Civil Engineers. v. 17, pp. 171–206. *Montreal*, 1903.)

Liljencrantz (G. A. M.) The Haskell self-registering water gauge. [Discussion.] (Jour. West. Soc. of Engineers. v. 8, pp. 676–690. *Chicago*, 1903.)

Measuring the flow in underground streams. (Irrigation Age. v. 20, pp. 233. *Chicago*, 1905.)

Murphy (Edward Charles). Accuracy of stream measurements. *Washington: Govt. Prtg. Off.*, 1904. 2. ed. 169 p., 6 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 95.)

Netherlands.—*Waterstaat, Handel en Nijverheid* (*Departement van*). Stroomsnelheidsmetingen op den Boven-Rijn en zijne takken (1875–1879) en op de Boven-Maas (1877). ['*s Gravenhage*, 1878?] 77 p., 4 l., 70 diagr. f°.

Pressey (Henry Albert). Observations on the flow of rivers in the vicinity of New York City. *Washington: Govt. Prtg. Off.*, 1903. 108 p., 5 diagr., 8 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 76.)

Price (William G.) Gauging of streams [with discussion]. (Jour. of the Western Soc. of Engineers. *Chicago*, 1898. 8°. v. 3, pp. 1025–1040.)

Rhind (Robert Hunter). Empirical formulas for finding the maximum discharges of rivers. [With appendices.] (Inst. of Civil Engineers. Minutes of Proc. With ... papers. v. 154, pp. 292–322. *London*, 1903.)

Smail (H. S. I.) The measurement of the flow of streams and artesian bores, as carried out by the public works department of New South Wales. illus. (Roy. soc. of New South Wales. Jour. and Proc. v. 37, apx. pp. 179–195. *Sydney*, 1903.)

Stevens (J. C.) A method of estimating stream discharge from a limited number of gagings. (Engineering News. v. 58, pp. 52–53. *New York*, 1907.)

Tingley (R. H.) Collection of data regarding stream flow. (Municipal Engineering. v. 22, pp. 365–368. *Indianapolis*, 1902.)

Tutton (C. H.) The laws of river flow. (Jour. Assoc. of Engineering Soc. v. 28, pp. 32–37. *Philadelphia*, 1902.)

United States.—*Geological Survey.* Hydrography Division. Operations at river stations, 1898. *Washington: Govt. Prtg. Office*, 1899. pt. 1. 8°. (Water supply and irrigation papers. No. 27.)

—— —— Methods of stream measurement. *Washington: Govt. Prtg. Office*, 1901. 51 p., 12 pl. 8°. (Water-supply & Irrigation Papers, no. 56.)

—— *Weather Bureau.* Instructions to special river observers of the Weather Bureau ... *Washington: Govt. Prtg. Off.*, 1894. 49 p. 8°. (Dept. Agric.)

—— —— Daily river stages at river gage stations on the principal rivers of the United States. (1893/5–96/9.) *Washington*, 1896–1900. pap. & lea. 8° and 4°.

Valentini (Carlo). Sulla portata di massima magra dei torrenti alpini. (Cong. d. ingegneri ed. architetti ital. in Bologna. 9. Cong. v. 2, (Temi, relazioni e mem.) pp. 22–25. *Bologna*, 1901.)

Walter (Heinrich). *Ueber die Stromschnelle von Laufenburg. *Zürich: Zörcher & Furrer*, 1901. 34 p., 1 diag., 1 map, 2 pl. 8°.

Regional.

Africa.

Pillet (A.) Quel doit être le régime juridique des fleuves africains. (Rev. gén de droit internat. pub. v. 5, pp. 829–844; v. 6, pp. 28–45. *Paris*, 1899.)

Schwarz (Ernest H. L.) The rivers of Cape Colony. [With bibliography.] (Geog. Jour. v. 27, pp. 265–279. *London*, 1906.)

Congo.

Grenfell (George). The upper Congo as a waterway. 5 maps. (Geog. Jour. v. 20, pp. 485–498. *London*, 1902.)

Kürchhoff (D.) Der Kongo als Verkehrstrasse. (Ztschr. f. Kolonialpolitik, Kolonialrecht & Kolonialwirtschaft. Jahrg. 7, pp. 731–739. *Berlin*, 1905.)

Niger.

Auzou (Émile). La boucle du Niger. (Rev. d. deux mondes. *Paris*, 1898. 8°. v. 147, pp. 163–188.)

Lebon (André). La boucle du Niger. 1896–1898. (Rev. d. deux mondes. v. 161, pp. 356–383. *Paris*, 1900.)

Lenfant (E.) Exploration hydrographique du Niger. (Bull. de géog. hist. année 1903, pp. 25–134. *Paris*, 1903.)

Lenfant (Eugène Armand). La navigabilité du bas Niger. (Géographie. v. 5, pp. 455–461. *Paris*, 1902.)

—— —— (Rev. française de l'étranger & des colonies et exploration. v. 27, pp. 589–600. *Paris*, 1902.)

Nile.

Anderson (W.) The delta of the Nile. Notes of a journey through the N. E. portion in April, 1884. *London: Inst. Civ. Eng.*, 1884. 11 p. 8°.
Excerpt: Proc. Inst. Civ. Eng. v. 76, pt. 2.

Cureau de la Chambre (M.) Discours sur les causes du desbordement du Nil. *Paris: J. Dallin*, 1665. 15 ll., 272 p. 4°.

Gibbons (A. St. Hill). The Nile and Zambezi systems as waterways. (Jour. Roy. Col. Inst. v. 32, pp. 157–170. *London*, 1901.)

Rivers, cont'd.

Henze (Hermann). Der Nil, seine Hydrographie und wirtschaftliche Bedeutung. *Halle a. S.: Gebauer-Schwetschke Druckerei*, 1903. 2 p.l., 103 p. 8°. (Angewandte Geographie. Ser. 1, Heft 4.)

Klöden (G. A. von). Das Stromsystem des Oberen Nil. *Berlin*, 1856. 8°.

Le Monnier (Franz von). Die Engländer am Nil. (Die Regulierung und Nutzbarmachung des Nils.) (Österr. Ing.- u. Architek.-Verein. Ztschr. Jahrg. 59, pp. 661–665. *Wien*, 1907.)

Lyons (H. G.) On the Nile flood and its variation. [Discussion.] (Geog. Jour. v. 26, pp. 249–272, 395–421. *London*, 1905.)

Martonne (E. de). Die Hydrographie des oberen Nil-Beckens. 2 maps, 1 pl., 1 table. (Gesellsch. f. Erdkunde zu Berlin. Zeitschrift. *Berlin*, 1897. v. 32, pp. 303–342. 8°.)

Ruete (Said). Geplante Bewässerungsanlagen im Gebiet des Oberen Nils. (Gesellsch. f. Erdkunde. Ztschr. 1904, pp. 660–663. *Berlin*, 1904.)

Zambesi.

Gibbons (A. St. Hill). The Nile and Zambesi systems as waterways. (Jour. Roy. Col. Inst. v. 32, pp. 157–170. *London*, 1901.)

Schütze (Woldemar). Die Handelszonen des Sambesi. (Globus. v. 87, pp. 5–12. *Braunschweig*, 1905.)

Australia.

Maiden (Joseph Henry). The mitigation of floods in the Hunter river. (Roy. soc. of New South Wales. Jour. and Proc. v. 36, pp. 107–131. *Sydney*, 1902.)

New South Wales.—*Public Works Committee.* Report together with minutes of evidence and plan, relating to the proposed Tuckian flood escape scheme. *Sydney: W. A. Gullick, govt. prtr.*, 1900. [135] pp., 1 map. pap. f°.

—— —— Report together with minutes of evidence and plan, relating to the proposed Hunter River flood prevention. *Sydney: W. A. Gullick, govt. prtr.*, 1903. 15, 176 p., 1 map. f°.

Queensland.—*Chief Weather Bureau.* Special report on the floods of 1890, with notes on the meteorology of previous seasons. *n. t.-p.* [*Brisbane: J. C. Beal, govt. prtr.*, 1890.] 24 p., 7 maps, 3 plans, 1 pl. f°. (Post and Telegraph Dept.) (Legis. Assem., Votes and Proc., 1890, v. 3; Legis. Coun. Journal, 1890, pt. 3.)

Austria.

Austria. Gesetz vom II. Juni 1901, R.-G.-B. Nr. 66, betreffend den Bau vou Wasserstrassen und die Durchführung von Flussregulierungen. (Ztsch. f. Volkswirt. Socialpol. u. Verwaltung. v. 10, pp. 428–431. *Wien*, 1901.)

—— *Ackerbau Ministerium.* Die Wildbachverbauung in Osterreich. *Wien: Hof- und Staatsdruckerei*, 1900. 40 p. 4°.

—— —— L'endiguement des torrents en Autriche. *Vienne: Imp. Impér.*, 1900. 28 p. 4°.

Lauda (Ernst). Die Verwertung des Retentionsvermögens der Salzkammergut-Seen zur Milderung der Hochwassergefahren im Traungebiete. 1 pl. (Ztschr. d. österr. Ingen. u. Architekten, Vereines. Jahrg. 57, pp. 253–261; 269–277. *Wien*, 1905.)

Lernet (A.) Die Hochwasserkatastrophe im österreichischen Kanaltale vom 13 September, 1903. 1 pl. (Österr. Wochenschrift f. d. öffentl. Baudienst. Jahrg. 10, pp. 89–93. *Wien*, 1904.)

Schultz ( ), *and others.* Wildbachverbauungen und Regulierungen von Gebirgsflussen in Österreich. Von Schultz, Holle, und Muenstermann. (Landwirtschaftliche Jahrbücher. v. 28, pp. 1–42. *Berlin*, 1899.)

Danube.

Arnold (Hans). Die Schiffbarkeit der regulirten Donau-Katarakte zwischen Stenka und dem Eisernen Thor. (Zeitschr. des Vereines deutscher Ingenieure. *Berlin*, 1908. v. 42, pp. 1373–1382; v. 44, col. 498–507. 4°.)

Bludau (Alois). Die Areale der europäischen Stromgebiete. 3. Die Donaustaaten und die Donau. (Petermanns Mitteil. v. 40, pp. 167–170. *Gotha*, 1900.)

Entwicklung (Die) der Donau-Dampfschiffahrt. (Oesterr. wirtschaftspolit. Archiv. Jahrg. 2, Statis. Theil, pp. 275–294. *Wien*, 1902.)

Gravelius (H.) Die Wassermenge der Donau bei Wien. (Ztschr. f. Gewässerkunde. v. 3, pp. 200–212. *Leipzig*, 1900.)

Grünhut (Karl). Die Regulierung des Donaustromes in Ungarn. (Hydrographische Studien über die Regulierung auf Niedrig- und Mittelwasser. 1 pl. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 753–762, 777–787, 801–812. *Wien*, 1902.)

Halter (Rudolf). Ueber Donau-Regulierungs-Bauten bei Wien. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 79–87. *Wien*, 1902.)

Kuehl (Charles Henry Leopold). The Sulina mouth of the Danube. *London: Institution of Civil Engineers*, 1888. 15 p., 2 pl. 8°.

Excerpt: Minutes of proceedings of the Institution of Civil Engineers. v. 91. Session 1887–88. pt. 1.

Philippe (René). Travaux d'assainissement et d'embellissement de la ville de Vienne (Autriche). 1 pl. (Génie civil. v. 39, pp. 297–303. *Paris*, 1901.)

Provisorische Schifffahrts und Flussordnung für die Donau innerhalb des Bayerischen Staatsgebiets. (Deut. Handels-Archiv. Jahrg. 1901, pp. 97–105. *Berlin*, 1901.)

Scheidemann (U.) Le desséchement du delta du Danube. (Le mouvement économique. v. 4, pp. 9–18. *Bucarest*, 1906.)

Wex (Gustav, Ritter von). Lecture on the improvement of the Danube at Vienna, before the Society of Austrian Engineers and Architects, Mar. 18, 1876; translated by G. Weitzel. *Washington*, 1880. 8°. (U. S. War Dept. Engin. Dept.)

Vienna River.

Ausrüstung (Die) des Wienflusses mit hydrometrischen und sonstigen Apparaten. (Oesterr. Ingenieur- u. Architekt.-Verein. Ztschr. Jahrg. 59, pp. 540–544. *Wien*, 1907.)

Regolazione del fiume Vienna in Vienna. Calcoli di stabilitá della vóltà. (Giornale del genio dei lavori pub. anno 40, pp. 79–94. *Roma*, 1902.)

Rivers, cont'd.

WOTTAWA.

Stupecky (Franz). Die Regulierung der Wottawa bei Strakonitz. 1 pl. (Österr. Monatschr. f. d. öffentl. Baudienst. Jahrg. 5, pp. 445–452. *Wien*, 1899.)

Belgium.

Belgium.—*Travaux Publics, Ministere des.* Profils en long des voies navigables de la Belgique. *Bruxelles: M. Weissenbruch*, 1880. 50 plans. f°.

Cambier (E.) Études sur les transformations de l'Escaut et de ses affluents au nord de Gand pendant la période historique. Maps. (Soc. roy. belge de géog. Bull. v. 31, pp. 40–91. *Bruxelles*, 1907.)

Fargue ( ). Étude sur la corrélation entre la configuration du lit et la profondeur du chenal dans l'Escaut maritime. 1 map, 1 pl. (Annales d. ponts et chaussées. (pt. 1, partie technique) ser. 7, anné 10, 1900, Trimestre 1, pp. 106–117. *Paris*, 1900.)

Grenier (L. T.) Influence des travaux de régularisation effectués à l'Escault sur le régime de ce fleuve. Rapport. *Paris: Imp. Gén Lahure*, 1900. 1 p.l., 22 p., 1 l., 1 map, 2 chart. 4°. (8th International Congress on navigation. Sec. 1., ques. 1.)

Text in English and French.

Horn (v.). Die Verbesserung der Schelde unterhalb Antwerpen und der "grosse Durchstich" (grande coupure). (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 53, pp. 823–826. *Wien*, 1901.)

Lansberge (J. W. van). A propos du barrage de l'Escaut. *La Haye: M. Nijhoff*, 1867. 24 p. 8°.

Mazoyer ( ). Les pertuis et barrages de la Haute-Yonne et de la Cure. 2 pl. (Annales d. trav. publics de Belgique. ser. 2, v. 10, pp. 943–961. *Bruxelles*, 1905.)

Rapport de la Commission instituée de M. le Ministre de l'Agriculture et des Travaux publics du 16 fevrier 1895, à la suite des inondations survenues dans la vallée de la Haute-Lys, aux mois d'octobre et de novembre 1894. 3 pl. (Annales des travaux publics de Belgique. *Bruxelles*, 1898. 8°. ser. 2, v. 3, pp. 749–776.)

Rochet (E.) Description hydrographique de l'Escaut depuis son embouchure jusqu'à Anvers. *Bruxelles: A. Lesigne*, 1874. 120 p., 176 pl. f°. (Belgium. Hydrographique, Service.)

Brazil.

Georlette (F. A.) Quelques fleuves brésiliens. Le rio Javary: le rio Purus. 6 pl. (Bull. soc. roy. de géog. d'Anvers. v. 25, pp. 129–160. *Anvers*, 1901.)

Haenke (Thaddaeus). Memoria sobre los rios navegables que fluyen al Marañon. (Repub. Argentina-Anales de la biblioteca. v. 1, pp. 151–171. *Buenos Aires*, 1900.)

Canada.

Laflamme (Rev. [J. C. K.]), *abbot.* L'éboulis de St.-Alban. (In: Royal Society of Canada, Proceedings and trans. v. 12. Section 4. pp. 63–70. *Ottawa*, 1895. f°.)

Small (H. B.) Inland waterways of British Columbia. (Nautical Maga. v. 69, pp. 16–19. *London*, 1900.)

ST. FRANCIS.

Cameron (K. M.) An estimate of the discharge of the St. Francis river. 1 pl. (Transac. Canadian Soc. of Civil Engineers. v. 17, pp. 337–347. *Montreal*, 1903.)

ST. LAWRENCE.

Bencke (Albert). Der St. Lawrence und sein Flussgebiet. 1 map. (Deutsche Rundschau f. Geog. u. Statistik. Jahrg. 27, pp. 49–58. *Wien*, 1904.)

Canada.—*Montreal Flood Commission.* Report of a commission of engineers appointed by the government of Canada to inquire into the causes of the floods at Montreal and to suggest remedies for their removal. *Montreal: Pub. by order of City Council*, 1890. 76 p. pap. 8°.

—— *Public Works, Commissioners of.* Maps, reports, estimates, &c., relative to improvements of the navigation of the River St. Lawrence and a proposed canal connecting the River St. Lawrence and Lake Champlain. *Toronto: J. Lovell, prtr.*, 1856. 40 p., 6 maps, 1 table. f°.

—— *State Department.* Reports, correspondence, etc., in relation to the floods at Montreal. ii, 82 p. *Ottawa: B. Chamberlain*, 1889. 8°. (Sess. Papers. v. 22, no. 15.)

—— —— Same. Separate.

Keefer (Thomas Coltrin). Ice floods and winter navigation of the lower St. Lawrence...illus., 5 plates, 2 maps. (Roy. Soc. of Canada. Trans. ser. 2, v. 4, sec. 3, pp. 1–30. *Ottawa*, 1898.)

Mängel im Fahrwasser des St. Lorenzstromes zwischen Montreal und Quebec. (Annalen der Hydrographie und Maritimen Meteorologie. *Berlin*, 1898. 8°. Jahrg. 26, pp. 422–423.)

Steckel (R.) Water levels, River St. Lawrence between Quebec and Montreal. iv, 419 p. (ill. in separate cover.) *Ottawa: S. E. Dawson*, 1893. 8°. (Pt. 2. Ann. Rpt. Minister Public Works for 1890–91.)

Chile.

Señoret (Leoncio). Notas estadisticas i jeográficas relativas á los rios Imperial, Budi, Tolten, Queli i Menguin. Tomadas durante el viaje de esploracion...por los vapores de la republica "Cazador" i "Maule"...en febrero de 1855. *n. t.-p. Valparaiso*, 1855. 5 p. 4°.

Vidal Gormáz (Francisco). El rio Valdivia. Necesidad de canalizarlo. *Valparaiso: "La Patria,"* 1886. 27 p. 8°.

China.

Chollot (J. J.) Amélioration de la navigabilité de la rivière Whampon par la suppression de la barre de Woosung. (Mém. & compte rendu d. trav. de la Soc. d. Ingén. Civils. Bull. année 1902, v. 1, pp. 45–55. *Paris*, 1902.)

Tschepe (P. Albert). Der Nan-kiang. Eine geographisch-historische Studie. (Berlin. Univ. —Sem. f. oriental. Sprach. Mitteil. Abteil. 1 (Ostasiat. Studien). Jahrg. 9, pp. 134–146. *Berlin*, 1906.)

Rivers, cont'd.

Costa Rica.

Fradin (E.) Documentos relacionados con la navegación de los ríos San Juan, Colorado, Sarapiquí y San Carlos...1895. *San José: Tip. Nac.*, 1898. 53 p. 8°. (Costa Rica. Guerra y Marina, Sec. de.)

Finland.

Überschwemmungen in Finland in den Jahren 1898–1899. 13 pl., 93 p. (Fennia 19, no. 1. *Helsingfors*, 1902–03.)

France.

Babinet ( ). Situation actuelle des études et des annonces des crues dans les principaux bassins français. (Annales d. ponts & chaussées. pt. 1, sér. 8, v. 10, pp. 222–225. *Paris*, 1903.)

Blerzy (H.) Torrents fleuves et canaux de la France. *Paris: F. Alcan*, 1885. 3. ed. 180 p., 1 l. 16°. (Bibliothèque utile 42.)

Delemer ( ). Étude sur les crues de l'Ardéche. (Annales de ponts et chaussées. pt. 1, sér. 8, v. 14, pp. 130–216. *Paris*, 1904.)

Polonceau (Antoine Rémi). Considérations générales sur les causes des ravages produits par les rivières à pentes rapides, et par les torrents, particulièrement sur les rivières de la Loue et du Doubs, et sur les meilleurs moyens à employer pour y remédier. *Paris: L. Mathias*, 1844. 32 p., 2 diagr., 1 map. 4°.

Adour.

Garreta ( ). Note sur les travaux les plus récents exécutés pour l'amélioration de l'embouchure de l'Adour. (Annales d. ponts et chaussées. pt. 1, partie tech. (Mém. et doc.) sér. 7, v. 10 (1900), trimestre 4, pp. 111–120. *Paris*, 1900.)

Ordonnance du Roy, pour la conservation des digues & autres ouvrages faits & à faire dans la rivière de l'Adour, & pour restablir l'ouverture de la Barre de Bayonne, 4 Fevrier, 1738. [Colophon:] *Paris: Imp. Royale*, 1738. 3 (1) p. 8°.

Avre.

Brard (Félix). Étude des pertes de l'Avre et de ses affluents et des sources en aval des pertes. (Mém. & compte rendu d. trav. de la Soc. d. Ingén. civils de France. sér. 5, 1899, v. 2, pp. 397–486. *Paris*, 1899.)

Garonne.

Guénot (S.) La Garonne. Son rôle économique dans les temps anciens. (Bull. Soc. de géog. de Toulouse. année 22, pp. 121–146. *Toulouse*, 1903.)

Rossignol (Georges). A propos de la "Garonne navigable." (Rev. philomathique de Bordeaux et du Sud-Ouest. année 3. pp. 500–509. *Bordeaux*, 1901.)

Loire.

Philippe (René). La Loire navigable. (Génie civil. v. 41, pp. 49–54. *Paris*, 1902.)

Watbled (E.) La navigabilité de la Loire. (Nouv. Rev. *Paris*, 1898. v. 113, pp. 303–314, 491–503.)

Rhone.

Jasmund (R.) Die Regulirung der Rhone. [3 pl. in atlas.] (Ztschr. f. Bauwesen. Jahrg. 50, col. 249–290. *Berlin*, 1900.)

Lombard-Gérin ( ). Notes sur le touage du Rhône. Rapport. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 10 p., 1 l., 2 plan. 8°. (VIII. International Congress on navigation. sec. 2., ques. 4.)

Text in English and French.

Remacle ( ), *Comte*. Le delta du Rhône. (Revue des deux mondes. *Paris*, 1898. 8°. v. 146, pp. 647–667.)

Uetretcht (Erich). Die Ablation der Rhone in ihrem Walliser Einzugsgebiete im Jahre 1904/5. 4 pl. (Ztschr. f. Gewässerkunde. v. 7, pp. 257–320. *Dresden*, 1906.)

Seine.

Belgrand (Marie François Eugène). Recherches statistiques sur les sources du bassin de la Seine qu'il est possible de conduire à Paris exécutées en 1854 d'après les ordres de M. le Préfet de la Seine. *Paris: Vinchon*, 1854. 2 p.l., 86 p., 1 l., 2 maps, 3 tab. f°. (Seine, Departement de la. Préfecture du dépt.)

Dollfus (Gustave F.) Relations entre la structure géologique du bassin de Paris et son hydrographie. 1 pl. (Annales de géog. année 9, pp. 313–339; 413–433. *Paris*, 1900.)

Fontaine (Félix). La navigation de la Haute-Seine dans les temps modernes. (Mém. de la Soc. acad. d'agric. d. sci., arts & belles-lettres du dépt de l'Aube. (v. 62) sér. 3, v. 35, pp. 295–309. *Troyes*, 1898.)

Girard (P. S.) Rapport verbal fait à l'Académie Royale des Sciences, 19 mars [sur le projet de barrer la Seine à son embouchure]. *Paris*, 1827. 8°.

Lavoinne (E.) La Seine maritime et son estuaire; avec une introduction par M. C. Lechalas. *Paris: Baudry & Cie.* [1885?] 2 ll., 311, (1) p., 2 maps. ill. 8°. (Encycl. des Trav. Publ.)

Sekutowicz (L.) La Seine maritime. 1 pl. (Le génie civil. v. 41, pp. 181–188; 197–203; 221–222; 236–238. *Paris*, 1902.)

Germany.

Amelung (Julius August). Abhandlung über den Wasserbau an den schiffbaren Flüssen des Grossherzogthums Hessen; etc. *Darmstadt*, 1845. pl. 8°.

Beitraege zur Gewässerkunde der Märkischen Wasserstrassen. (Gebeit der Havel und Spree.) Bearbeitet von der Verwaltung der Märkischen Wasserstrassen in Potsdam 1903. *Berlin: W. Ernst & Sohn*, 1905. vi, 162 p., 1 l., 20 diag., 11 plans. f°.

Celius (Georgius Heinricus). Cataclysmus Thuringiacus, vulgò Die Thüringische Sündfluth, cujus historiam . . . ad d. XV. M. Januar. 1670. publico eruditorum examini obtulit...G. H. C. *Jenæ: J. Gollner*, 1690. 36 p., 2 l. 4°.

Euckenmayer (Rudolph). "Welche sind für Bayern die besten und ausführlichsten Mittel, das Austretten der Flüsse, und die davon abhangenden Ueberschwemmungen zu verhindern?" *München: Im akademischen Verlage*, 1803. 160 p., 4 pl. 12°. (K. B. Akad. Wiss. Phys. Abh. 2.)

Fischer (Franz J.) Die Wasserstandsbewegung in den norddeutschen Flussgebieten im hydrologischen Jahre 1901. (Petermanns Mitteil. v. 51, pp. 187–189. *Gotha*, 1905.)

Rivers, cont'd.

Franz ( ). Generalprogramm für die im Königreiche Böhmen auszuführenden Flussregulierungsbauten. 1 pl. (Österr. Wochenschrift f. d. öffentl. Baudienst. Jahrg. 10, pp. 617–622. *Wien*, 1904.)

Franzius (Ludwig), *and* G. H. de THIERY. River regulation works, and harbour and canal contruction in Germany. *London: The Inst.*, 1899. 36 pp., 2 pl. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 235, sess. 1898–99. Pt. 1.

Germany.—*Statistischer Amt.* Die Stromgebiete des deutschen Reichs...*Berlin*, 1900–1901. Theil 23, 6. f°. (Statistik des Deutschen Reichs. v. 39. Th. 2 Abt. A. B.)

Hagen (Gotthilf Heinrich Ludwig). Ueber Veränderung der Wasserstände in den Preussischen Strömen. 32 p. (Kön. Preuss. Akad. d. Wiss. Berlin. Abh. Math. Kl. 1880. I. *Berlin*, 1881. 4°.)

Herden (P.) Die Bildung der norddeutschen Flusssysteme und ihrer Stromlaufe. 1 map. (Deutsche Rundschau für Geographie und Statistik. *Wien*, 1898. 8°. v. 21, pp. 61–66.)

Partsch (Joseph). Memel-, Pregel- und Weichselstrom. Bericht über das grosse Werk des Hochwasser-Ausschusses. (Petermanns Mitteil. v. 47, pp. 208–214. *Gotha*, 1901.)

Prussia.—*Wasser-Ausschuss.* Memel,-Pregel-u. Weichselstrom, ihre Stromgebeite u. ihre wichtigsten Nebenflüsse, hrsg. von H. Keller. *Berlin: Dietrich Reimer*, 1899. 6 v. 4° and f°.

4 vols. Text; 1 vol. Tabellenband; 1 vol. 46 Kartenbeilagen.

—— Weser und Ems, ihre Stromgebeite und ihre wichtigsten Nebenflüsse... Hrsg. H. Keller. *Berlin: D. Reimer*, 1901. 6 v. 4° and f°.

4 vols. Text; 1 vol. Tabelland; 1 vol. Karten.

Robert (Antoine). Renseignements relatifs aux travaux de régularisation des rivières de l'Allemagne du Nord. (Annales d. ponts et chaussées. pt. 1. Partie tech. ser. 8, 1901. trimestre 1, pp. 85–128. *Paris*, 1901.)

Schjerning (Wilhelm). Die norddeutschen Ströme. (Gesellsch. f. Erdkunde. Ztsch. 1902, p. 880–882. *Berlin*, 1902.)

Steinberg ( ). Ueber die Hochwasserkatastrophe vom Sommer 1897 und ihren Einfluss auf die Gesundheitsverhältnisse im Kreise Lauban. (Deutsche Vierteljahrsschrift f. öffentliche Gesundheitspflege. v. 31, pp. 289–313. *Braunschweig*, 1899.)

ELBE.

Brämer (K.) Die Elbe und ihr Gebiet, nach dem grossen Werke "Der Elbstrom, sein Stromgebiet und seine wichtigsten Nebenflüsse." (Ztschr. d. König. preuss. statistischen Bureaus. Jahrg. 41, pp. 127–192. *Berlin*, 1901.)

Chudeau (R.) L'Elbe, son régime et son importance économique. (La géog. année 1900, pp. 363–370. *Paris*, 1900.)

Franz (Hugo). Die Flussregulierungen an der Elbe, Moldau und deren Nebenflüssen in Böhmen. (Oesterreich. Monatschr. f. den öffent. Baudienst. *Wien*, 1898. f°. Jahrg. 4, pp. 354–359; 401–408.)

Joly (de). Le port de Hambourg et l'Elbe maritime. (Annales d. ponts & chaussées. pt. 1, ser. 8, v. 10, pp. 15–70. *Paris*, 1903.)

Kriele (M.) Die Regulierung der Elbschiffahrt, 1819–1821. *Strassburg: K. J. Trübner*, 1894. xv, 187 p. 8°. (Staatswiss. Seminar Strassburg i. E. Abhandl. 12.)

Penck (Albrecht). Zur Bestimmung der Abflussmengen aus Flussgebieten. 1 tab. (Zeitschr. f. Gewässerkunde. v. 2, pp. 67–81. *Leipzig*, 1899.)

Table of Pegel- und Mengenflächen der Elbe für die hydrologischen Jahre 1875/76 bis 1889/90.

Prussia.—*Elbstrombauverwaltung zu Magdeburg.* Der Elbstrom, sein Stromgebiet und seine wichtigsten Nebenflüsse. Eine hydrographische, wasserwirthschaftliche und wasserrechtliche Darstellung. Im Auftrage der deutschen Elbuferstaaten und unter Betheiligung des preussischen Wasser-Ausschusses. *Berlin: D. Reimer*, 1898. 3 v. in 4. 4°.

With Tables 1 v. 4°, and Atlas 1 v. f°.

Ringel (A.) Schüttgestell zum Einbau von Grundschwellen in die Elbe. 1 pl. (Ztschr. f. Architektur u. Ingenieurwesen. Heft-Ausgabe. Jahrg. 1900, v. 46 (n. s. v. 5), col. 213–216. *Hannover*, 1900.)

Sommermeier ( ). Entwicklung des Uferschutzes vor dem Elbdeich bei Scheelenkuhlen in der Wilstermarsch. 2 pl. in atlas. (Ztsch. f. Bauwesen. Jahrg. 51, col. 397–422. *Berlin*, 1901.)

Weber (M.) Untersuchungen über den Zusammenhang der Grundrissform und der Profilgestaltung des Elbstromes. (Ztschr. f. Gewässerkunde. *Leipzig*, 1898. 8°. v. 1, pp. 150–164; 321–337.)

NETZE.

Demnitz ( ), *and* RATHKE. Der Ausbau der Netze vom Bromberger Kanal bis zur Mündung in die Warthe. 3 pl. in Atlas. (Ztschr. f. Bauwesen. Jahrg. 54, col. 575–588. *Berlin*, 1904.)

NIERS.

Deutsches Reich und Niederlande. Abkommen über die Regulierung der unteren Niers. [Official documents.] (Staatsarchiv. Sammlung d. offic. Actenstücke zur Geschichte d. Gegenwart. v. 60, pp. 166–169. *Leipzig*, 1897.)

ODER.

Braemer (Karl). Die Oder und ihr Gebiet. (Zeitschr. d. königl. preuss. statistischen Bureaus. Jahrg. 39, pp. 13–60.) *Berlin*, 1899.)

Ehlers ( ). Fahrwassertiefen und Schiffbarkeit der Oder. 1 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 50, col. 239–248. *Berlin*, 1900.)

Penck (Albrecht). Der Oderstrom. (Geographische Zeitschrift. *Leipzig*, 1899. 8°. Jahrg. 5, pp. 19–47; 84–94.)

Sommerhochwasser (Das) vom Juli bis August, 1897. im Oderstromgebiet. (Zeitschr. f. Bauwesen. *Berlin*, 1898. f°. Jahrg. 48, col. 307–346.)

OPPA.

Kohut (Moriz). Die Oppa-Regulierung in Jägerndorf. (Ztsch. d. oesterr. Ingen. u. Architek. Vereines. Jahrg. 53, pp. 640–642. *Wien*, 1901.)

RHINE.

Aaron Simeon ben Jacob Abraham. [An account of the inundation of the Rhine at Bonn in

Rivers, cont'd.

1784. In Hebrew. *Amsterdam: Widow & Orphans of J. Proops, printers*, 1784.] 22 ff. 16°.

Cartuyvels (J.) La correction du Rhin supérieur. (Annales d. trav. pub. de Belgique. sér. 2, v. 6, pp. 1017–1021. *Bruxelles*, 1901.)

—— Les nouveaux ports du Haut Rhin. (Annales d. trav. pub. sér. 2, v. 6, pp. 1007–1016. *Bruxelles*, 1901.)

Coblentz ( ). Les communications par le Rhin. (Annales d. ponts et chaussées. pt. 1, ser. 8, v. 10, pp. 91–132. *Paris*, 1903.)

Doell (Albert). Die Regulierung geschiebefuehrender Wasserläufe, besonders des Oberrheines, durch eiserne Leitwerke... *Leipzig: W. Engelmann*, 1896. vi, 108 p. 4°. (Fortschritte der Ingenieurwissenschaften. Zweite Gruppe. Hft. 6.)

Bibliography, pp. 83–88.

Eckert (Christian). Rheinschiffart im xix. Jahrhundert. 19 + 450 p. (Staats- u. socialwiss. Forsch, v. 18, no. 5. *Leipzig*, 1900.)

"Nachweis der Abkürzungen in den Citaten der Quellen und Litteratur," pp. 373–380.

Hooff (J. op den). Iets over de vaart op den Rijn. *Amsterdam: de Erven H. Gartman*, 1826. viii, 148 p. nar. 8°.

Kollbach (K.) Der Rhein als Handels- und Verkehrsstrasse. *Hamm i. W.: Breer & Thiemann*, 1905. 8°. (Frankfurter zeitgemässe Broschüren. N. F. Bd. 24, Heft 11, pp. 349–373.)

Krapf (Philipp). Die Rhein-Regulierung. 4 pl. (Oesterr. Monatschr. für den öffent. Baudienst. *Wien*, 1898. f°. Jahrg. 4, pp. 391–399.)

M. (H.) L'utilisation des forces motrices du Rhin en Suisse. (Le génie civil. *Paris*, 1899. 4°. v. 34, pp. 150–153.)

Unger ( ). Die Regulirung des Rheins zwischen Bingen und St. Goar. 2 pl. (Ztschr. f. Bauwesen. *Berlin*, 1898. 4°. Jahrg. 48, col. 629–656.)

Walter (Heinrich). Ueber die Stromschnelle von Laufenburg. 2 pl. (Ztschr. f. Gewässerkunde. v. 4, pp. 198–226. *Leipzig*, 1902.)

—— —— *Zürich: Zörcher & Furrer*, 1901. 34 p., 1 diag., 1 map, 2 pl. 8°.

Wyck (Van der). Vermuthungen und Betrachtungen über die Ausmündung des Rhein-Stroms in Weltmeere. *n. p.* [1838] 245–277 p. 8°.

Weisseritz.

Lindig ( ). Ueber die Weisseritzhochfluth im Jahre 1897 und die infolge derselben zur Ausführung gelangten Flussbauten. (Zeitschr. f. Architektur u. Ingenieurwesen. (v. 45) n. s. v. 4, col. 473–488. *Hannover*, 1899.)

Great Britain.

Account (An) of the great floods in the rivers Tyne, Tees, Wear, Eden, &c., in 1771 and 1815... To which is added, an account of the irruption of Solway Moss. [By William Garret.] *Newcastle: E. Charnley*, 1818. 2 p.l., 47 p. 12°.

Great Britain.—*Floods Prevention Bill Committee.* Report from the Select Committee of the House of Lords on the Floods Prevention Bill (H. L.); with the proceedings of the committee. Session 1898. *London: Wyman & Sons, ltd., prtrs.*, 1898. vi p. f°. (House of Lords. Paper 95.)

Kinderley ( ), *the elder.* The ancient and present state of the navigation of the towns of Lyn, Wisbeach, Spalding, and Boston... with a way laid down how to remedy all inconveniences and defects which they now labour under. 2. ed. [edited by Nathaniel Kinderley] *London: J. Noon*, 1751. xviii, 1 l., 108 p., 1 pl. 8°.

Clyde.

Great Britain—*Statutes.* An act to consolidate and amend the acts relating to the river Clyde and harbour of Glasgow. (2d August, 1858) [*Glasgow: W. R. McPhun*, 1858?] 1 p.l., 76 p. pap. 8°.

Milne (David). Notice respecting the depletion or drying up of the rivers Teviot, Nith, and Clyde, on the 27th November, 1838. *Edinburgh: R. Grant & Son*, 1838. 1 p.l., pp. 449–466. 4°.

Repr.: Trans. Royal Soc. of Edinburgh. v. 14., March, 1839.

Gray (R.), *and others.* The petition...unto the honourable the commissioners, appointed...to inspect, audit, and adjust the accounts...of the duties granted for improving the navigation of the Clyde. [With appendix.] *Glasgow: Mundell, Doig and Stevenson*, 1808. 14, 11 p. 4°.

Mersey.

Sand-pump dredging on the Mersey. (Engineering. v. 79, pp. 301–303; 464–466. *London*, 1905.)

Ribble.

Gardiner (R.) Pamphlet on the Ribble works, Ribble dredgers: their work and effects. Full description of the river and the peculiarities in the estuary. *Preston: J. Hunt*, 1888. 36 p. 12°.

Thames.

Fitzmaurice (Maurice). Shrinkage of the Thames and Lea. [*London:*] *J. Truscott and Sons, ltd., prtrs.* [1903.] 18 p., 3 diagrams, 2 maps. f°. (London County Council.)

Lockyer (*Sir* Norman, *and* Wm. J. S.) The flow of the river Thames in relation to British pressure and rainfall changes. 2 pl. (Proc. Roy. Soc. ser. A. (Math. & Phys.) v. 76, pp. 494–506. *London*, 1905.)

Tyne.

Proceedings on a deputation relative to the construction of a harbour of refuge at the river Tyne. March 6. and 7., 1854. *Gateshead: W. Douglas*, 1854. 32 p. 8°.

Walker (James). River Tyne improvement. Piers at entrance. Mr. Walker's report and plan, dated 15th November, 1853. *Westminster: Vacher & Sons*, 1853. 24 p., 1 map, 1 plan. 8°.

Hungary.

Kvassay (Eugène de). Influence des travaux de régularisation sur le régime des cours d'eau en Hongrie. Rapport. *Budapest:* [*Posner & Fils.*] 1900. 1 p.l., 21 p., 1 chart. 4°. (VIII. International Congress on navigation. Sec. 1., ques. 1.

—— L'influence des travaux de régularisation sur le régime des cours d'eau en Hongrie. 1 plan. (Ztschr. f. Gewässerkunde. v. 3, pp. 325–345. *Leipzig*, 1900.)

Rivers, cont'd.

India.

Bates (Lindon W.) Hoogli river; proposed deep water approach to Calcutta. 4 pl. (Jour. Western Soc. of Engineers. v. 5, pp. 399–426. *Chicago*, 1900.)

Everest (R.) Some observations on the quantity of earthy matter brought down by the Ganges river. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1832. 8°. v. 1, pp. 238–242.)

Falconer (Dr.) Letter to the secretary of the Asiatic Society, on the recent cataclysm of the Indus. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1841. 8°. v. 10, pt. 2, pp. 615–620.)

Richou (G.) Travaux de protection des rives du Sutlej aux abords du pont Kaiser-i-Hind (Inde anglaise). 1 pl. (Génie civil. v. 46, pp. 99–100. *Paris*, 1904.)

Samuelson (Bernhard Martin). Protective embankments in the Irawadi Delta. 1 pl. (Minutes of proc. of the Inst. of Civil Engrs. v. 147, pp. 324–340. *London*, 1902.)

Stoney (E. W.) Extraordinary floods in southern India: their causes and destructive effects on railway works...*London: Inst. Civ. Eng.*, 1898. 55 p., 1 pl. 8°.

Vernon-Harcourt (Leveson Francis). The River Hooghly. [Discussion & Correspondence.] 3 pl. (Inst. of Civil Engineers. Minutes of Proc. v. 160, pp. 100–210. *London*, 1905.)

Walch (George T.) The engineering works of the Gódávari delta: a descriptive and historical account. Compiled for the Madras government. *Madras: The Superintendent Govt. Press*, 1896. 2 v. 4°. (Madras. Public Works Department.)

Italy.

Bertolini (Gian Lodovico). Della linea e dei fiumi di resorgiva in relazione al territorio Veneto. (Rivista geog. ital. v. 4, pp. 449–453; 574–576; v. 5, pp. 201–205; v. 6, pp. 98–104; v. 7, pp. 371–387. *Roma*, 1897–1900.)

Eredia (Filippo). Sulla previsione delle piene dei fiumi in Sicilia. (R. accad. d. Lincei. Rendic. classe d. sci. fis. ser. 5, v. 13, pt. 1, pp. 707–713. *Roma*, 1904.)

Grimaldi (G. P.) Sulla inondazione di Modica del 26 Settembre 1902. 37 pp., 2 pl. (Atti d. Accad. Gioenia di sci. nat. in Catania. Anno 80, 1903. ser. 4, v. 16, Mem. 7. *Catania*, 1903.)

Viola (C.) Sopra il governo di alcuni fiumi in Sardegna. (Annali d. Soc. degli ingegneri e degli architetti italiani. anno 16, pp. 5–27. *Roma*, 1901.)

Adda.

Beltrami (Luca). Leonardi da Vinci negli studi per rendere navigibile l'Adda. (R. Istituto Lombardo di sci. & lettere. Rendiconti. ser. 2, v. 35, pp. 159–173. *Milano*, 1902.)

Adige.

Poletta (Giacomo). Il fiume Adige a Verona. 5 pl. (Giornale d. genie civile. anno 42, pp. 497–559. *Roma*, 1904.)

Piave.

Pattaro (Giuseppe). Il fiume Piave. 4 pl. (Giornale del genio civile. Anno 41. pp. 233–290. *Roma*, 1903.)

Tiber.

Arndt (Leopold). Der Tiber. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12, pp. 545–550. *Wien*, 1906.)

Beltrami (Luca). Per la sistemazione definitiva del Tevere urbano. (Nuova antologia. ser. 4, v. 97, pp. 443–459. *Roma*, 1902.)

Betocchi (Alessandro). Effemeridi e statistica del fiume Tevere prima e dopo la confluenza dell' Aniene e dello stesso fiume Aniene durante l'anno 1891. 1 pl. (R. accad. dei Lincei. Atti. ser. 5, classe d. sci. fis. Memorie. v. 1, pp. 372–378. *Roma*, 1895.)

Bocci (Davide). Progetto di massima per migliorave la navigabilità del Tevere da Roma al mare, e per riattivare il porto Traiano quale porto interno, e suo canale marittimo. 2 pl. 1 map. (Soc. degl. ingegneri e degl. architetti. ital. Boll. Anno 15, pp. 185–191, 193–203, 212–217. *Roma*, 1907.)

Bruno (Gaetano). Sulla definitiva sistemazione del Tevere urbano. 15 pp. (Atti d. r. istituto d'incoraggiamento di Napoli. ser. 5, v. 4 (v. 54), no. 1. *Napoli*, 1903.)

Cipolletti (C.) La navigazione del Tevere dal mare ad orte e la bonifica idraulica ed agraria della sua vallata. (Annali d. Soc. degli ingeg. e degli architetti ital. anno 18, pp. 93–106. *Roma*, 1903.)

Gravelius (H.) Die Schlammführung des Tiber. (Ztschr. f. Gewässerkunde. v. 4, pp. 157–165. *Leipzig*, 1901.)

Italy.—*Commissione di Vigilanza sui lavori di sistemazione del Tevere.* Relazioni sull' andamento dei lavori. *Roma*, 1878. 4°.

Parboni (Enrico). Von der Tiberregulirung in Rom. Aus dem Italienischen übersetzt und ergänzt von Julius Groeschel. 1 pl. in Atlas. (Zeitschr. f. Bauwesen. *Berlin*, 1898. 4°. Jahrg. 48, col. 359–376.)

Ronna ( ). Le Tibre. (Bull. de la soc. d'encouragement pour l'indust. nat. *Paris*, 1898. 4°. Sér. 5, v. 3, pp. 1125–1218, 1401–1480.)

Netherlands.

Bicker (L.) Rivierkundige grondwaarheden byzonderlyk toegepast op de rivieren onzes lands tot herstellinge derzelven ... [*Amsterdam?* 1820?] 210 p., 6 pl. 4°.

Expresse brieven uyt Tessel, wegens het zwaere onweer en hooge watervloed. *Amsterdam: J. Willemsz* [1717?]. Broadside.

Kort en opregt verhaal van de elende der opgezetenen van de overstroomde landstreeken in Nederland, en byzonderlyk van den Alblasserwaard. Opgesteld uit verscheiden geloofwaardige brieven en berigten. *n. p.* 1741. 8 p. sq. 8°.

Netherlands.—*Waterstaat, Handel en Nijverheid, Departement van.* Stroomsnelheidsmetingen op den Ijssel, zijne armen ende overlaten. *'s Gravenhage: Algemeene Landsdrukkerij*, 1890. 119, ii p., 19 pl. 4°.

Ribbins (*Rev.* H. C.) Johanna van Beek, wonderdadig gered uit den watersnood... 1–6 February 1861, door C. A. Campagne. De watersnood door eene Maasen-Waalsche. *n. t.-p. Tiel: Wed. D. R. Van Wermeskerken*, 1861. 16 p., 1 port. 2. ed. 8°.

Rivers, cont'd.

Rutgers (*Rev.* Abraham). Leerrede over Amos ix: 5., ter gelegenheid van den jongstleden watervloed, gehouden den 5. February 1809 te Haarlem...*Haarlem: J. L. Augustini*, 1809. 2 p.l., 20 p. 8°.

Schenckel (Henricus). Een waerachtigh verhael, van verscheydene seer verwonderens-waerdige en bedroefde voorvallen, die in dese water-vloedt van den 13. Nov. 1686 over de provincie van stadt en lande uytgevoert... met het register der verdronckene menschen, peerden, koeyen...*Groningen: G. Lens*, 1687. 4 l. 4°.

Schurman (C. B.) *and* A. C. BURGDORFFER. Tentatives de débâclage de quelques rivières néerlandaises. *n. t.-p. La Haye: Belinfante frères*, 1894. 1 p.l., 58 p., 1 l., 2 pl. 4°. (6th International Inland Navigation Congress, Question 3.)

Verhaal van de wyze, op welke de penningen, ten behoeve der noodlydenden, in de overstroomde landen van Gelderland en Holland, in den aanvang des jaars 1741, te Amsterdam en elders ingezameld, bestierd en besteed zyn. *Amsterdam: I. Tirion*, 1742. 31 p. 8°.

Verzameling van eenige geloofwaardige berigten en brieven betreffende de elende van de opgezetenen der overstroomde landen in Nederland. *Amsterdam: I. Tirion*, 1741. 2 p.l., 36 p., 1 map. 8°.

W. (J. V.) Beknopte beschryving, van de noodlydende en oversrtoomde [*sic*] landstreeken in Zuid Holland, en een gedeelte van Gelderland, met een naukeurig dagregister van alle de inbraaken, en een korte beschryving van den Alblasserwaard door J. V. W. [*i.e.*, Jacob van Wyk.] *Gorinchem: J. Van Wyk*, 1741. 10 p.l., 23 p. sq. 8°.

Russia.

Moberly (C. H.) The waterways of Russia. 1 pl. (Engineering. *London*, 1899. f°. v. 67, pp. 37–40, 99–100, 171–174, 267–269, 371–374, 638–639, 727–729; v. 68, pp. 33–34, 257–260, 550–551, 619–620; v. 69, pp. 72–74, 275–276, 341–344.)

Timinoff (V. E.) Les cataractes du Dnièpre. Rapport... *St. Petersburg: Trenké & Fusnot*, 1894. 124 p., 9 pl., 1 port. 4°. (6th International Inland Navigation Congress. Question 7.)

Wybranowski (R. de). La régime du Dniepr. Charts. (Géographie, v. 8, pp. 75–88. *Paris*, 1903.)

South America.

Crevaux (*Dr.* J.) Fleuves de l'Amérique du Sud. 1877–1879. Par Dr. Jules Crevaux. Missions du Ministère de l'Instruction Publique. Publié par la Société de Géographie. *Paris: Soc. de Géographie*, 1883. 2 p.l., iv p., 1 l., 40 maps. Ob. 4°.

Reindl (Josef). Die schwarzen Flüsse Südamerikas. Hydrographische Studie... *München: T. Ackermann*, 1903. 5 p.l., 138 p., 1 map 8°. (Münchener geographische Studien, no. 13.)

Révy (J. J.) Hydraulics of great rivers; the Paraná, the Uruguay, and the La Plata estuary. *London: E. & F. N. Spon*, 1874. xvi, 163 p., 1 map, 7 pl. f°.

Spain.

Inchaurrandieta (R. de), *and others*. Memoria del projecto de reconstruccion del pantano de Puentes en Lorca. Par R. de Inchaurrandieta, M. M. Campos, e M. Pardo. 6 pl. (Anales de obras pub. Mem. y doc. v. 2., pp. 5–215. *Madrid*, 1877.)

Ortega (J. G.), *and others*. Memoria relativa à la inundacion ocurrida en el año 1864 en el rio Júcar. Por J. G. Ortega, E. de Churruca, e F. Lizarraga. 226 p., 3 pl. (Anales de obras pub. Mem. y doc. v. 6. *Madrid*, 1879.)

Switzerland.

Salis (Adolphe de). De l'aménagement des eaux en Suisse. Organisation, travaux exécutes et systèmes de construction. Traduit par Emile Cuénod. *Berne: Imprimerie Stæmpfli*, 1884. iv, 81 p., 1 map, 42 tables. f°. (Switzerland. Innern, Dept. des.)

—— La correction des torrents en Suisse. *Berne: Imp. Stæmpfli*, 1891–92. 2 v. 4°. (Switzerland. Innern, Departement des.)

Some mountain torrents of Switzerland. (Engineer. v. 88, pp. 106, 159–160, 188–189, 192. *London*, 1889.)

United States.

Bond (Edward A.) Report on the measurement of the volume of streams and the flow of water in the state of New York...December 1, 1900. *Albany: J. B. Lyon, state prtr.*, 1900. 128 p., 1 l., 1 map, 7 pl. 8°. (New York State. Engineer and Surveyor, Office of.)

Ellet (Charles), *jr.* Contributions to the physical geography of the United States. Part I. Of the physical geography of the Mississippi Valley, with suggestions for the improvement of the navigation of the Ohio and other rivers. [*Washington*, 1851.] 64 pp., 1 pl. f°. (Smithsonian Inst. Contr. v. 2. Art. 4.)

Greenleaf (James L.) The times and causes of western floods. A study of the relation between the flow of the rivers and the succession of the seasons on the Mississippi watershed. 1 p.l., 9, (1) p. *New York*, 1897. 8°.

Repr.: The Engineering Magazine. March, 1897.

Hall (W. Carvel), *and* JOHN CLAYTON HOYT. River surveys and profiles made during 1903. *Washington: Govt. Prtg. Off.*, 1905. 115 p., 3 diag., 1 map. 8°. (U. S. Geological Survey. Water Supply and Irrigation Paper No. 115.)

Hazen (Henry A.) Danger lines and river floods of 1882. *Washington: Signal Office*, 1884. 30 p. 8°. (U. S. Signal Service. Signal Service Notes. no. 15.)

McCalla (R. C.) Improvement of the Black Warrior, Warrior and Tombigbee rivers, in Alabama. [With discussion.] 2 pl. (Amer. Soc. Civil Engineers. Transac. v. 49, pp. 212–334. *New York*, 1902.)

Mosler (Chr.) Die Wasserstrassen in den Vereinigten Staaten von Amerika in ihrer kommerziellen und industriellen Bedeutung... *Berlin: Ernst & Korn*, 1877. vi, 69 p., 2 maps. 4°.

Murphy (Edward Charles). Destructive floods in the United States in 1903. *Washington: Govt.*

Rivers, cont'd.

Ptg. Off., 1904. 81 p., diagrs., 2 maps, 9 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 96.)

—— *and others.* Destructive floods in the United States in 1904. *Washington: Govt. Ptg. Off.*, 1905. 206, 111 p., 5 maps, 13 pl. 8°. (U. S. Geolog. Survey. Water-supply and Irrig. Papers. No. 147.)

—— Destructive floods in the United States in 1905. With a discussion of flood discharge and frequency, and an index to flood literature. *Washington: Govt. Ptg. Off.*, 1906. v, 105 p., 1 l., 3 maps, 1 pl. illus. 8°. (U. S. Geological Surv. Water-Supply and Irrig. Pap. no. 162.)

Pennsylvania.—*Weather Service.* Flood maps. May 31–June 3, 1889, "Johnstown Flood," [*Philadelphia*, 1889.] 1 chart. f°. (Franklin Institute. Meteorology Committee.)

Roberts (T. P.) Floods and means of their prevention in our western rivers. [Discussion.] (Engineers Soc. West. Penn. Proc. v. 23, pp. 306–324, 365–418. *Pittsburgh*, 1907.)

Ruffner (Ernest Howard). The practice of the improvement of the non-tidal rivers of the United States, with an examination of the results thereof. *Quincy, Ill.: Cadogan & Hatcher*, 1885. 2 p.l.,(1) 4–195 (1) p. 8°.

United States.—*Geological Survey.* Operations at river stations, 1897. *Washington Govt. Prtg. Office*, 1898. pts. 1–2. 8°. (Water supply and Irrigation Papers, nos. 15, 16.)

—— *Weather Bureau.* River bulletin. no. 1. (1899.) *Portland*, (*Oregon*), 1899. 4°.

1. Rivers of Oregon, Washington, Idaho and Western Montana.

Work (The) of the Weather Bureau in connection with the rivers of the United States... *Washington: Govt. Prtg. Office*, 1896. 106 p., 3 charts. 8°. (U. S. Wea. Bu. bull. 17.)

ARKANSAS.

Curtis (J. H.) Method for the removal of the bar in the Arkansas river opposite Fort Smith. *n. p.* [187–?] 20–22 p., 1 plan. 8°.

BIG SANDY.

Improvement (The) of the Big Sandy river. (Engineering Rec. v. 40, pp. 334–339. *New York*, 1899.)

BRAZOS.

Howell (C. W.) Statement of Capt. C. W. Howell, of U. S. Engineers, respecting the improvements at the mouth of the Brazos river, Texas, [*New Orleans*, 1872.] 1 p.l., 12 p. 8°.

BUFFALO.

Griggs (Robert F.) The Buffalo river: an interesting meandering stream. illus. (Amer. geog. soc. Bull. v. 38, pp. 168–177. *New York*, 1906.)

Morse (Charles M.) South Buffalo floods and proposed remedy. 16 p., 5 pl. (Bull. Buffalo Soc. of Nat. Sci. v. 8, no. 2. *Buffalo*, 1903.)

CAPE FEAR.

Cape Fear and Deep River Navigation Co. Annual report, 1st, of the President...1850. With the report of the chief engineer and accompanying documents. *Raleigh: S. Gales*, 1850. 8°.

—— Report of the chief engineer upon the extension...to the Yadkin River, and through the same to Wilkesboro'. *Raleigh: S. Gales*, 1850. 20 p. 8°.

—— Reports of the president and chief engineer...submitted to the stockholders, at their annual meeting...1851. *Raleigh: W. W. Holden*, 21 p. 8°.

CEDAR.

Noble (Theron A.) Gauging of Cedar river, Washington. (Amer. Soc. of Civil Engineers. Papers. *New York*, 1898. 8°. v. 24, pp. 661–675.)

CHEMUNG.

Collingwood (Francis). Report on the protection of the city of Elmira, N. Y., against floods. *n. p.* [*Elmira*, 1890] 16 p. 8°. (Elmira, N. Y.)

Chicago.—*Chicago River Commission.* Report. 1899. [*Chicago* 1899?] 10 p. 8°.

Chicago River Improvement Association. Annual report and constitution. 1897. *Chicago*, 1897. 8°.

—— —— Chicago! where railroad traffic and lake transportation meet. Snap shots from proceedings of river improvement meeting...March 13, 1896. [*Chicago*, 1896.] 32 p. 8°.

Improvement of the Chicago river. Addresses at the annual dinner of the Western Society of Engineers, Jan. 8, 1901, by R. W. Hunt. L. E. Cooley and others. (Jour. Western Soc. of Engineers. v. 6, pp. 1–25. *Chicago*, 1901.)

Johnston (Thos. T.) The Chicago river. (Jour. Western Soc. of Engineers. v. 6, pp. 324–340. *Chicago*, 1901.)

Noyes (William Curtis). The law of Alluvion. Argument...before the Supreme Court of the United States, in the case of Bates, plaintiff in error, vs. The Illinois Central Railroad Company, defendants in error, in behalf of the defendants, with an appendix containing the opinion of the Court. *New York: W. C. Bryant & Co.*, 1862. 65 p. 8°.

Wilcox (R. B.) The river and Harbor of Chicago. With discussion. (Jour. Western Soc. of Engineers. v. 5, pp. 499–535. *Chicago*, 1900.)

CONEMAUGH.

Croes (J. J. R.) The rivers at Johnstown, Pennsylvania. Report to the board of trade of the city of Johnstown. [*New York Engineering Press*, 1891.] 1 p.l., 32 p., 6 maps, 1 pl. 8°.

COOSA.

Andrews (D. M.) The economic improvement of the Coosa and Alabama rivers, in Georgia and Alabama. [Discussion.] (Amer. Soc. of Civil Engineers. Proc. Papers. v. 29, pp. 340–356. *New York*, 1903.)

—— —— (Amer. Soc. Civil Engineers. Transac. v. 50, pp. 363–381. *New York*, 1903.)

Bromberg (Frederick G.) The Coosa river. (Amer. geog. soc. Jour. v. 33, pp. 67–72. *New York*, 1901.)

Coosa River Improvement Convention, 1899. Memorial of the Convention assembled at Gadsden, Alabama, September 27, 1899. To memorialize the Congress of the United States...asking an appropriation...to remove the obstructions...of the

Rivers, cont'd.

Coosa river. [Compiled by W. P. Lay. *Birmingham: Roberts*, 1899?] 42 p., 1 map. 8°.

Pearsall (Thomas). Report of T. P., Commissioner to survey the Coosa River and lands adjacent thereto, to the Governor. *Montgomery: J. G. Stokes & Co., state prtrs.*, 1870. 14 p. pap. 8°. (Alabama. Governor.)

CONNECTICUT.

Association (The) for Improving the Navigation of Connecticut River above Hartford. Two reports made by committees appointed by the directors of the Association for Improving the Navigation of Connecticut River above Hartford . . . *Hartford: P. B. Goodsell*, 1825. 22 p. 8°.

Connecticut River Company. Report of the president and directors, with the report of H. Hutchinson [on improvement of Connecticut River]. *Hartford*, 1826. 8°.

Massachusetts.—*House of Representatives.* Report of the special committee to whom was referred the bill of the assembly of Vermont on navigation in the valley of Connecticut River . . . Feb. 13, 1826. *n. t.-p.* 6 p. 8°.

—— *Statutes.* An act to confirm an act of the . . . state of Vermont, entitled "An act to provide for improving the navigation in the valley of Connecticut river." 1826. *n. t.-p.* [1826] 36 p. pap. 8°.

DELAWARE.

Marindin (H. L.) Physical hydrography of Delaware river and bay; comparison of recent with former surveys. *Washington: Govt. Prtg. Office*, 1885. 1 p.l., 431–434 p., 2 charts. pap. 4°. (U. S. Coast and Geod. Survey. Methods and results.)

Ott (C. H.) The improvement of the channels of the Delaware and Schuylkill rivers by the city of Philadelphia. [Discussion.] 1 map. (Proc. Engineers' Club of Philadelphia. v. 19, pp. 173–204. *Philadelphia*, 1902.)

GENESEE.

New York (State).—*Rochester, Committee on Inundation of the City of.* Report of the commissioners appointed to investigate the causes of the inundation of the city of Rochester in March, 1865. [*Albany*, 1866.] 26 p., 5 plans. cl. 8°. (N. Y. S. Assem. doc. 117, 1866.)

HUDSON.

Abert (John James). Report in favor of the improvement of the navigation of the Hudson River. *Albany*, 1846. 8°.

Albany Chamber of Commerce. Report of committee on freshets in the Hudson River of the Albany Chamber of Commerce and sub-committees at Troy, Watervliet, Rensselaer . . . Dec., 1902. *Albany*, 1902. 58 p. 8°.

Flood damages to the Hudson river passenger bridge and station of the Delaware & Hudson Ry., at Albany, N. Y. (Engineering News. v. 43, pp. 132–133. *New York*, 1900.)

New York (State).—*Commerce and Navigation, Committee on.* Report on the resolution in regard to the improvement of the navigation of the Hudson River. Jan. 10, 1855. *n. t.-p.* [*Albany*, 1855.] 12 p. 8°. (Senate no. 23.)

—— *Engineer and Surveyor.* Communication . . . relative to the removal of obstructions from the Hudson River. Transmitted . . . March 18, 1863. *Albany: Comstock & Cassidy, prtrs.*, 1863. 37 p., 1 map. 8°.

—— —— Report relative to a survey of the Hudson river to Fort Edward, and of the Champlain canal enlargement from tide water to Whitehall. [February 13, 1867.] *n. t.-p.* 111 p. 8°. (Senate. no. 37.)

Rafter (George W.) The economics of the Hudson River: lecture before the engineering classes of the Rensselaer Polytechnic Institute, at Troy, Feb. 24, 1897. [*Troy*, 1897?] 20 p. 8°.
Repr.: The Polytechnic, April 24, 1897.

—— Upper Hudson storage surveys. Report . . . *Albany: Wynkoop Hallenbeck Crawford Co.*, 1896. 1 p.l., 89–195 p., 4 charts, 5 maps, 7 tab. 8°. (N.Y.S. Engineer & Surveyor.)

—— —— Same. 2d rpt. 1897. (N. Y. State Engineer & Surveyor.)

ILLINOIS.

Illinois River Improvement Convention, held at Peoria, Ill., 1887. Proceedings. *Peoria*, 1887. 47 p. 8°.

KENNEBEC.

Abert (John J.) Report of the surveys of the Kennebec river and of contemplated routes for canals, connected with the waters . . . March 4, 1828. *Concord: J. B. Moore*, 1828. 28 p. 8°. (U. S. Engineer Department.)

MISSISSIPPI.

Address of commission appointed by governors of States in the Mississippi Valley upon the commerce and improvement of its rivers, including the address of Eugene Underwood, president of the commission. *Louisville, Ky.: J. P. Morton & Co.*, 1880. 19 p. 8°.

Address from the navigation interest, to our national legislators, urging that Congress preserve the unobstructed navigation of the Mississippi river. . . . [Signed James F. Griffith.] *St. Louis: G. Knapp*, 1866. 1 p.l., 8 pp. 8°.

Anderson (Alexander D.) The Mississippi and tributaries. A commercial and statistical review. *Washington: Nat. Rep. Prt. Off.*, 1881. 109 p., 2 maps. 8°.

—— The Mississippi and its forty-four navigable tributaries. A descriptive, commercial, and statistical review, illustrated with three diagrams. *Washington: Govt. Prtg. Off.*, 1890. 38 p., 3 diag. 8°.

—— —— Same, with appendix. *Washington: Govt. Prtg. Off.*, 1890. 45 p., 3 diagr. 8°. (U. S. Mississippi River Com.)

Bowman (Isaiah). Deflection of the Mississippi. (Science. n. s., v. 20, pp. 273–277. *New York*, 1904.)

Brown (Linus W.) The increasing elevation of floods in the lower Mississippi river. (Jour. Assoc. Engineering Soc. v. 26, pp. 345–401. *Philadelphia*, 1901.)

—— The protection of cities in the Mississippi valley against the encroachment of the river. (Engineering News. v. 45, pp. 427–429. *New York*, 1901.)

Rivers (Mississippi), cont'd.

Brown (Robert Marshall). The Mississippi River as a trade route. (Amer. geog. soc. Bull. v. 38, pp. 349–354. *New York*, 1906.)

—— The Mississippi River from Cape Girardeau to the head of the Passes. illus. maps. (Amer. geog. soc. Jour. v. 34, pp. 371–383; v. 35, pp. 8–16. *New York*, 1902–03.)
Bibliography, v. 35, p. 16.

Convention for the Improvement of the Mississippi River and navigable tributaries. Proceedings...together with a brief memorial to Congress. Held at Washington, D. C. ... 1884. [*Washington*, 1884.] 100 p. 8°.

Corthell (E. L.) History of the jetties at the mouth of the Mississippi River. *New York*, 1881. 2. ed. 8°.

—— The South Pass Jetties...Ten years' practical teachings in river and harbor hydraulics. Read at the annual convention [of the Am. Soc. C. E.] June 10., 1884. *n. p.* [1884.] 313–330 p. 8°. (Transactions Am. Soc. C. E. v. 13. October, 1884.)

—— Remarks...before the Committee on rivers and harbors...January 28, 1897, having under consideration Bill H. R. 9492, 54th Congress, 2d session, entitled, A bill to provide for the closing of the Pass à-Loutre Crevasse, and for the improvement of the Southwest Pass at and near the mouth of the Mississippi river. *Washington, D. C.: Gibson bros.*, 1897. 24 p., 1 map. 8°.

Dickson (Harris). The fight for the levees. (Harper's Weekly. v. 47, pp. 580–583. *New York*, 1903.)

Eads (James Buchanan). Correspondence between the business men of New Orleans and James B. Eads [regarding the Mississippi river jetty system]. [*New Orleans?*, 1874.] 15 p. 8°.

—— Discussion of the paper of E. Corthell... on the South Pass Jetties. (Reviewing statements made to the U. S. Congress in 1885, respecting the Jetties at South Pass and at Galveston, by General John Newton and Colonels Wm. E. Merrill and R. S. Mansfield, U. S. Engineers.) [With appendices.] *n. p.* [1885.] 1 p.l., 39, 5, 5 p., 4 charts, 1 map. 8°.

—— Letter...to the Mississippi River Commission correcting certain statements in its report of July 3, 1885. *Washington: Gibson Bros., prtrs.* [1885.] 14 p. 8°. (Miss. River Comm.)

—— Mississippi jetties. Review ... of the report of the Board of U. S. Engineers appointed under the Act of Congress approved June 19, A.D. 1878. *n. p.*, 1878. 18 p. 8°.

—— Mouth of the Mississippi. Jetty system explained. *St. Louis: Times print*, 1874. 1 p.l., 40p., 2 maps. 8°.

—— Physics and hydraulics of the Mississippi river. Report of the U. S. Levee Commission reviewed by J. B. E. St. Louis, Feb. 19, 1876. *New Orleans, La.: Picayune Steam Job Print*, 1876. 33 p., 1 plan. 8°.

—— Report on the Mississippi jetties, Aug. 18, 1876 [with appendix]. [*New York?* 1876?] 25 p., 7 diagr. 8°.

Ellet (Charles). Contributions to the physical geography of the United States. Part 1. Of the physical geography of the Mississippi valley, with suggestions for the improvement of the navigation of the Ohio and other rivers. 64 p. 3 illus. plate. (Smithsonian Inst. Contrib. to knowl. v. 2 (no. 13). *Washington*, 1849.)
No more published.

Fontaine (Edward). A lecture on the peculiarities of the physical geography of the Mississippi River and its delta. *Washington: Republican Job Prt. Off.*, 1874. 26 p. 8°.

Forshey (Caleb Goldsmith). The delta of the Mississippi: the physics of the river, the control of its floods, and the redemption of the alluvion. *Cambridge: J. Wilson & Son*, 1873. 1 l., pp. 79–111. 8°.

—— On the alluvial basin of the Mississippi river styled the delta. (In: Washington. Philos. Soc. Bull., v. 1, app. 2. 1874.)

—— Memoir on the physics of the Mississippi river, and certain internal improvements in the state of Louisiana. *New Orleans*, 1850. map. 8°.

Hardee (William Joseph). Are flood heights increasing in the lower Mississippi river? (Engineering News. v. 45, pp. 378–381. *New York*, 1901.)

—— High-water protection methods on lower Mississippi river. (Jour. Assoc. Engineering Soc. v. 25, pp. 85–106, *Philadelphia*, 1900.)

Haupt (Lewis Muhlenberg). Controlling the floods of the Mississippi river. (Jour. Franklin Inst. v. 156, pp. 241–260. *Philadelphia*, 1903.)

—— The Mississippi river problem. 1 illus. (Amer. philos. soc. Proc. v. 43, pp. 71–96. *Philadelphia*, 1904.)

Helm (Edwin G.) The levee and drainage problem of the American bottoms. 1 pl. (Jour. Assoc. Engineering Soc. v. 35, pp. 91–116. *Boston*, 1905.)

Horn (A. v.) Die Verbesserung des Unteren Mississippi von der Mündung des Missouri bis zum Golf von Mexiko. 1 pl. (Österr. Wochenschr f. d. öffentl. Baudienst. Jahrg. 12, pp. 1–6. *Wien*, 1906.)

Humphreys (Andrew Atkinson), *and* Henry Larcom Abbot. Report on the physics and hydraulics of the Mississippi river; upon the protection of the alluvial region against overflow; and upon the deepening of the mouths...*Philadelphia: J. B. Lippincott & Co.*, 1861. xxiv, 17–456, cxlvi p., 3 maps, 17 pl. f°. (U. S. Engin. Dept. Prof. pap. no. 4.)

—— —— Same. [Abridged.] *Washington: Govt. Prtg. Office*, 1867. xx, 214 p., 1 map. 8°.

—— —— Same [as first entry]. Reprinted with additions, as no. 13. *Washington: Govt. Prtg. Office*, 1876. xxiv, 691 p., 4 maps, 21 pl. f°.

Knapp (Henry F.) Mouth of the Mississippi. With special reference to the various plans for deepening its bar, &c...Read at the monthly meeting of the New York Cheap Transportation Association, May 9th, 1876. *New York: L. W. Lawrence*, 1876. 12 p. 8°.

Lake Borgue Basin Levee District.—*Board of Commissioners of.* Statement of the transactions of the Board of Commissioners...from August 11, 1892, to March 31, 1896. *New Orleans: A. W. Hyatt...Co., ltd.*, 1896. 8 p. 8°.

Rivers (Mississippi), cont'd.

Leach (Smith S.) The Mississippi river; what it needs, and why it needs it. Submitted to the U. S. Senate ... August 15, 1890. *Washington: Government Print. Office*, 1890. 12 p. 8°.

Le Vasseur (Charles). Bank revetment on the lower Mississippi river. (Engineering News. v. 46, pp. 322–323. *New York*, 1901.)

Levee (The) theory on the Mississippi river. An informal discussion. (Amer. Soc. Civil Engineers. Transac. v. 51, pp. 331–414. *New York*, 1903.)

Leverett (Frank). The lower rapids of the Mississippi river. illus. (Iowa acad. of sci. Proc. v. 6, pp. 74–93. *Des Moines*, 1899.)

—— —— (Jour. of Geol. *Chicago*, 1899. 8°. v. 7, pp. 1–22.)

Long (Stephen Harriman), *and* CHARLES ELLET, *jr*. Reports in reference to the inundations of the Mississippi river. [*Washington*, 1852.] 8°. (U. S. 32. C., 1. Sess. Senate Exec. doc., no. 20.)

Louisiana.—*Engineer, Office of*. Special report of the State Engineer, in answer to joint resolution no. 38, approved February 25, 1857. *New Orleans: J. Claiborne, state prtr.*, 1857. 1 p. 8°.

Maltby (F. B.) Hydraulic dredging on the Mississippi River. 1 pl. (Amer. Soc. Civil Engineers. Transac. (Internat. Engineering Congr., 1904.) v. 54, pt. C., pp. 392–478. *New York*, 1905.)

Memorial of the citizens of Cincinnati, to the Congress of the United States, relative to the navigation of the Ohio and Mississippi rivers. *Cincinnati: The Daily Atlas Office*, 1844. 53 p. 8°.

Memorial (A) to Congress to secure an adequate appropriation for a prompt and thorough improvement of the Mississippi river; with an appendix by Sylvester Waterhouse. *St. Louis: J. J. Daly & Co.*, 1877. 1 p.l., 39 p. 12°.

Mississippi River Commission. Letter from the Secretary of War, transmitting a letter from the Acting Chief of Engineers and a supplemental report from the Mississippi River Commission recommending an immediate appropriation of $50,000 for the general work of surveys. Jan. 19, 1886. [*Washington*, 1886.] 24 p. 8°. (U. S. 49. Cong., 1. sess. H. Ex. Doc. 38.)

Mississippi River Improvement Convention, St. Louis, 1881. Official report of the procedings ... *St. Louis*, 1881. 244 p. 8°.

Mitchell (Henry). Review of the characteristics of the South Pass. *Washington: Govt. Prtg. Office*, 1879. 4 p. pap. 4°. (U. S. Coast and Geodetic Survey. Methods and results. App. no. 12 to report for 1876.)

National (The) importance of rebuilding and repairing the levees on the banks of the Mississippi ... [Signed by J. M. Welles, Governor of Louisiana, and five commissioners. *New Orleans*, 186–?] 8 p. 8°.

Nicollet (J. N.) Report intended to illustrate a map of the hydrographical basin of the upper Mississippi river. *Washington: Blair & Rives, printers*, 1843. 170 p., 1 map. 8°. (U. S. Engin. Bur.)

—— Same. (In: U. S. 26. Cong., 2. sess., S. doc. v. 5, pt. 2; also in: 28. Cong., 2. sess., H. doc. 52 in v. 2.)

Ockerson (J. A.) Dredges and dredging of the Mississippi river. 12 pl. (Amer. Soc. of Civil Engineers. Transac. v. 40, pp. 215–310. *New York*, 1898.)

—— The improvement of the lower Mississippi river. (Engineering. v. 72, pp. 381–382. *London*, 1901.)

—— The lower Mississippi river: physical characteristics, methods of improvement, character and volume of traffic. 1 pl. (Jour. Assoc. of Engineering Soc. v. 27, pp. 139–162. *Philadelphia*, 1901.)

—— The Mississippi river, some of its physical characteristics, and measures employed for the regulation and control of the stream. Communication. *Paris: Imp. Gén. Lahure*, 1900. 1 p.l., 40 p. 4°. (VIII. International Congress on navigation. Sec. 1.)

Parr (James F.) Floods and flood protection works at East St. Louis. (Ill. Soc. of Engineers and Surveyors. 19th ann. rept. 1904, pp. 48–57. *Chicago*, 1904.)

Proposed improvements of the southwest pass at the mouth of the Mississippi. (Engineering News. v. 43, pp. 117–118. *New York*, 1900.)

Putnam (James R.) J. R. Putnam's plan for removing bars at the mouth of the Mississippi river and other harbours on the American coast and interior. With a full description of his patent ploughing and dredging machine, invented by him for that purpose. *New-Orleans: Bulletin Office*, 1841. 22 p., 2 pl. 8°.

Raymond (Thomas L.) Improvement of the Mississippi river delta. (Jour. Assoc. of Engineering Soc. *Philadelphia*, 1898. 8°. v. 21, pp. 139–148.)

River and Harbor Convention, St. Paul, 1885. Official report of the proceedings of the River and Harbor Convention, held in Saint Paul, Minn., on September 3d and 4th, 1885. *St. Paul: Pioneer Press Co.*, 1885. 192 p. 8°.

Saint Louis Chamber of Commerce. Proceedings of the St. Louis Chamber of Commerce, in relation to the improvement of the navigation of the Mississippi river, and its principal tributaries and the St. Louis harbor. With a statement submitted by A. B. Chambers to the Chamber. *St. Louis: Chambers & Knapp*, 1842. 40 p. 8°.

Seddon (James A.) Reservoirs and the control of the lower Mississippi. 7 pl. (Jour. West. Soc. of Engineers. v. 5, pp. 259–291. *Chicago*, 1900.)

Series (A) of letters proposing the best mode of improving the Des Moines Rapids in the Mississippi river: together with statistical and other information relative to such improvement. *Nauvoo, Ill.: Hancock Patriot print*, 1847. 48 p. 24°.

Starling (William). The floods of the Mississippi River... *New York: The Engineering News Pub. Co.*, 1897. 3 p.l., 57 p. 4°.

—— The improvement of the south pass of the Mississippi River. (Engineering News. v. 44, pp. 121–125. *New York*, 1900.)

Rivers (Mississippi), cont'd.

Taylor (Robert S.) The improvement of the Mississippi river. An address delivered at St. Louis, January 26, 1884, and two articles originally published in the North American Review. Reprinted by the Mississippi River Improvement Committee of the Merchants' Exchange of St. Louis. [*St. Louis: the Committee*, 1884?] 54 p., 1 map. 8°.

—— Levees, outlets and reservoirs as means for protection against overflow of the alluvial lands of the Mississippi valley below Cairo. 1 map. (Science. n. s., v. 19, pp. 601–609. *New York*, 1904.)

Townsend (C. McD.) Discussion of paper by J. A. Seddon on "Reservoirs and the control of the lower Mississippi." 1 plan. (Jour. Western Soc. of Engineers. v. 6, pp. 146–157. *Chicago*, 1901.)

United States.—*Mississippi River Basin Commission.* Message from the President...transmitting report of the Commission of Engineers appointed to investigate and report a permanent plan for the reclamation of the alluvial basin of the Mississippi River subject to inundation. *Washington: Govt. Prtg. Office*, 1875. 160 p., 5 pl. 8°.

—— —— Same. (43. Cong., 2. Sess. H. Ex. doc., 127.)

—— *Statutes.* A bill to provide for the organization of "The Mississippi River Improvement Commission," and for the correction, permanent location, and deepening of the channel and the improvement of the navigation of said...river... [*Washington*, 1879.] 14 p. (45. Cong. H. R. 4318.)

—— *Commerce, Committee on.* Hearings...in relation to the improvement of the Mississippi river. *Washington: Govt. Print. Off.*, 1890. 233 p., 1 map. 8°.

—— —— Report on the Mississippi River floods. *Washington: Govt. Prtg. Office*, 1898. 522 p., 6 maps (5 col'd), 1 profile map, 5 plates (1 col'd), 15 tab. 8° (55. Cong., 3. sess., S. Rpt. 1433.)

Upham (Warren). Growth of the Mississippi delta. (Amer. Geologist. v. 30, pp. 103–111. *Minneapolis*, 1902.)

Waterhouse (S.) Influence of our northern forests on the Mississippi River. *St. Louis*, 1892. 12°.

—— Memorial to Congress [on the] improvement of the Mississippi River. *St. Louis*, 1877. 12°.

Wels (R.) Die Bagger auf dem Mississippi. (Zeitschr. des Vereines deutscher Ingenieure. *Berlin*, 1898. 4°. v. 42, pp. 1178–1188.)

Wooten (William P.) The improvement of the Mississippi River between St. Louis and Cairo. (Engineering News. v. 53, pp. 247–249. *New York*, 1905.)

Missouri.

Fox (S. Waters). Technical methods of river improvement as developed on the lower Missouri river, by the general government, from 1876 to 1903. 12 pl. (Amer. Soc. of Civil Engineers, Proc. v. 31, p. 37–83. *New York*, 1905.)

Marchais (F.) Travaux d'amélioration du Missouri. illus. 1 pl. (Génie Civil. v. 50, pp. 385–388. *Paris*, 1907.)

Waddell ( ), *and* ( ) Hedrick. Engineering aspects of the Kansas floods. (Engineering Rec. v. 48, pp. 300–302. *New York*, 1903.)

Willey (Day Allen). The battle of the banks. How a railway company fought a river. (Wide World Maga. v. 10, pp. 278–283. *London*, 1902.)

Ohio.

Cincinnati. Memorial of the citizens of Cincinnati, to the Congress of the United States, relative to the navigation of the Ohio and Mississippi rivers. *Cincinnati: The Daily Atlas Office*, 1844. 53 p. 8°.

—— Proceedings of a meeting of the citizens of C., held at the Council Chamber, Jan. 22, 1846... on the subject of improving navigation around the falls of the Ohio river. *Cincinnati*, 1846. 8°.

Cram (Thomas Jefferson). Report...on the best mode of improving the navigation of the Ohio river, at the falls at Louisville. *Washington*, 1844. 8°.

Morris (E.) Treatise on the improvement of the Ohio river. *Pottsville: B. Bannan*, 1857. 1 p.l., 32 p., 2 pl. 8°.

Rep.: Journal of the Franklin Institute.

Roberts (W. Milnor). Improvements of the Ohio river. *Pittsburgh: Board of Trade*, 1856. 30 p. 8°. (Publications of the Pittsburgh Board of Trade.)

Sibert (Wm. L.) Full use of the rivers at Pittsburg and the removal of the obstructions to such use. (Proc. of Engineers Soc. of West. Penn. v. 18, pp. 345–360. *Pittsburg*, 1902.)

Passaic.

Hollister (George Buell), *and* Marshall Ora Leighton. The Passaic flood of 1902. *Washington: Govt. Prtg. Off.*, 1903. 56 p., 2 maps (1 in pocket), 13 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 8.)

Leighton (Marshall Ora). The Passaic flood of 1903. *Washington: Govt. Prtg. Off.*, 1904. 48 p., 7 pl. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper, no. 92.)

Potomac.

Parker (Horatio N.), *and others.* The Potomac river basin. Geographic history—rainfall and stream flow... [etc.] By Horatio N. Parker, Bailey Willis, R. H. Bolster, W. W. Ashe and M. C. Marsh. *Washington: Gov't Ptg. Off.*, 1907. vi, 364, iii p., 2 diag., 3 maps, 2 plans, 3 pl. 8°. (U. S. Geol. Surv. Water-supply and Irrig. Pap. 192.)

Sacramento.

California.—*Rivers and Harbors Examining Commission.* Report...Sept. 27 [Consisting of topographical data concerning the Sacramento and San Joaquin rivers, their valleys and deltas, etc., and notes on various navigable waters of California.] [*Sacramento: J. D. Young, supt. state prtg.*, 1890.] 148 p., 5 diagrams. 8°. (App. Sen. and Ass. Jols. 29. sess. v. 1. doc. [14])

St. Mary's.

West (The) Neebish channel of the St. Mary's river. illus. (Engineering Rec. v. 56, pp. 112–115, 149–151. *New York*, 1907.)

Rivers, cont'd.

SCHUYLKILL.

Birkinbine (H. P. M.) The Schuylkill river. Gauging its flow. Deposits in the dam. Value of Fairmount water power. *Philadelphia: W. P. Kildare*, 1876. 4 p. 8°.
Repr.: Journal of the Franklin Institute, for May, 1876.

SUSQUEHANNA.

Maryland.—*Council.* Correspondence of the clerk of the council with the attorney-general of Maryland; and of the governor of Maryland with the governors of Pennsylvania and Delaware, relative to the obstruction in the Susquehanna. *Annapolis: J. Hughes, prtr.*, 1833. 8 p. 8°. (Doc. 8.)

TENNESSEE.

Murray (Thomas E.) The improvement of the Tennessee river and power installation of the Chattanooga and Tennessee River Power Company at Hale's Bar, Tenn. [With discussion.] 1 map. (Amer. Soc. of Mech. Eng. Trans. v. 27, pp. 521–551. *New York*, 1906.)

YAHARA.

Gilman (James M.) The improvement of the Yahara river. (Wisconsin Engineer. v. 8, pp. 16–27. *Madison*, 1903.)

YUBA.

Murphy (E. C.) Destruction of debris barrier no. 1, Yuba river, California. illus. (Engineering News. v. 58, pp. 133–134. *New York*, 1907.)

YUKON.

Putnam (G. R.), *and* R. L. FERRIS. The survey of the mouths of the Yukon river, Alaska. (Engineering News. v. 43, pp. 370–372. *New York*, 1900.)

Raymond (Charles W.) Report of a reconnaissance of the Yukon river, Alaska Territory, July to September, 1869. *Washington* [*D. C.*]: *Govt. Print. Off.*, 1871. 112 p., 1 l. 8°. (U. S. Engineers' Bureau.)

United States.—*Statutes.* An act making an appropriation for a reconnoissance of the mouths of the Yukon river, Alaska. [*Washington: Govt. Prtg. Off.*,] 1896. 1 p. f°. (54. Cong. 1. Sess. S. 1796.)

STANDPIPES.

See TANKS, TOWERS, AND STANDPIPES.

TANKS, TOWERS, AND STAND-PIPES.

Bowman (F. M.) Water tank and tower for East Providence, R, I. [Discussion.] 3 pl. (Jour. New Eng. Water Works Assoc. v. 19, pp. 55–65. *Boston*, 1905.)

Caldwell (W. E.) Co. [Catalogue of] Tanks, towers and tubs. *Louisville*, 1904. 36 p. 8°.

Compton Hill water tower, St. Louis. (Engineering Rec. v. 40, pp. 220–222. *New York*, 1899.)

Cook (Byron I.) Standpipes. (New Eng. Water Works Assoc. v. 14, pp. 124–127. *Boston*, 1899.)

Doten (Leonard S.) Description of concrete steel water tower and standpipe at Fort Revere, Hull, Mass. [Discussion.] 1 pl. (Jour. New Eng. Water Wks. Assoc. v. 19, pp. 33–42. *Boston*, 1905.)

Flinn (Alfred D.) Forbes Hill reservoir and water tower, Quincy, Mass. (Engineering Rec. v. 45, pp. 242–245. *New York*, 1902.)

Hazlehurst (J. N.) Towers and tanks for water-works. The theory and practice of their design and construction. *New York: J. Wiley & Sons*, 1901. ix, 216 p., 1 pl. 8°.

Heineken (M.) Winddrücke auf Kegel und Kugelhauben von Wasser- und Gasbehältern. (Schillings Jour. f. Gasbeleucht. Jahrg. 48, pp. 715–723. *München*, 1905.)

Palmer (G.) Tank irrigation in Central India. (Engineering Maga. v. 15, pp. 59–67, 289–300. *New York*, 1898.)

Pence (W. D.) Stand pipe accidents and failures in the U. S., a chronological record of accidents to and failures of water-works stand-pipes in the U. S... *New York: Engineering News Publishing Co.*, 1895. (2) vi, (2) 195 p., 2 plans, 1 table, ill. 16°.

Pierson (Geo. S.) Standpipes and elevated reservoirs. (Mich. Engineer. 1901, pp. 93–112. *Battle Creek*, 1901.)

Saville (C. M.) Construction of the Forbes Hill reservoir and stand-pipe at Quincy, Mass. 1 pl. (Engineering News. v. 47, pp. 217–220. *New York*, 1902.)

Scheuss ( ). Über neue Gas- und Wasserbehälter-Konstruktionen. (Schillings Jour. f. Gasbeleucht. Jahrg. 48, pp. 938–943. *München*, 1905.)

Stokes-Roberts (E.) A new system of reinforced brickwork as applied to above-ground cylindrical water tanks. 7 pl. (Roy. Engineers Inst. Profes. Papers of Roy. Engineers. Occas. Papers. v. 30, pp. 169–179. *Chatham*, 1905.)

Very (A) tall steel water tower. (Engineering Rec. v. 47, pp. 667–660. *New York*, 1903.)

TOWERS.

See TANKS, TOWERS AND STANDPIPES.

TURBINES.

See WATER-WHEELS (TURBINE).

WATER POWER.

Reserved for general considerations of water power as an economic and industrial force. Material on the mechanism of generation, transmission, or utilization of water power is entered with the "General Works" forward, or under its specific heading, as "Water Wheels." Much material on individual power plants is to be found in the card catalogue under the heading of "Electricity—Power plants."

Barr (William M.) Hydraulic generation and application of motive power. Water power installation. (Engineering Maga. v. 29, pp. 865–878. *New York*, 1905.)

—— The mechanical uses of water under pressure. (Engineering Maga. v. 31, pp. 817–847. *New York*, 1906.)

Bonghi (Mario). Sugli impianti idroelettrici e su alcuni loro coefficenti di reddito. 19 p., 3 tables. (Reale Istituto d'Incoraggiamento di Napoli. Atti. ser. 5, v. 5 (v. 55) no. 7. *Napoli*, 1904.)

Cassel (Elmer F.) Commercial requirements of water power governing. (Engineering Maga. v. 19, pp. 841–846. *New York*, 1900.)

Watèr Power, cont'd.

Congrès de la houille blanche, Grenoble, Annecy, Chamonix, 1902. Compte rendu des travaux du Congrès, des visites industrielles et des excursions. *Grenoble: Syndicat des propriétaires* [1902?]. 2 v. 4°.

ARQUEMBOURG (Ch.) Congrès de la houille blanche. (Bull. Soc. indust. du Nord de la France. année 31, pp. 55–73. *Lille*, 1903.)

ROUSIERS (Paul de). Le congrès de la houille blanche. (Annales des sci. polit. v. 18, pp. 75–96. *Paris*, 1903.)

Cristesco (Georges). La houille blanche. De l'utilisation de la force motrice des cours d'eau non navigables ni flottables. Étude de droit français de droit comparé et de législation. *Paris: A. Rousseau*, 1902. xii, 639 p. 4°.

Crolard (Albert). Régularisation du débit des cours d'eau par le moyen des lacs ou des réservoirs artificiels. [Bibliography.] (Cong. de la houille blanche. Sept. 1902. Compte rendu. v. 1, pp. 195–223. *Grenoble*, 1902.)

Delpech (Joseph). De l'utilisation des forces hydrauliques. (Bull. Soc. d'études législatives. année 2, pp. 69–84. *Paris*, 1903.)

Drouhin (L. P.) Étude raisonnée et recherché du meilleur système de prise d'eau dans un torrent. (Cong. de la houille blanche. Sept., 1902. Compte rendu. v. 1, pp. 269–278. *Grenoble*, 1902.)

Estimation (The) of damages to power plants from back-water. (Engineering Rec. v. 45, pp. 392–393. *New York*, 1902.)

France. Projet de loi pour les usines hydrauliques. (Rev. tech. année 25, pp. 576–576. *Paris*, 1904.)

Garratt (Allan V.) Speed regulation of water power plants. The practical side of the problem. (Cassier's Maga. v. 20, pp. 21–39. *New York*, 1901.)

Gerard (Eric). Houille noire et houille blanche. (Rev. écon. internat. v. 2, pp. 603–620. *Paris*, 1904.)

Golwig (Fritz). Neuerungen an hydraulischen Akkumulieranlagen. (Elektrotech. u. Maschinenbau. Jahrg. 24, pp. 967–973. *Wien*, 1906.)

Gruner (H. E.) Die Ausnutzung von Hochwasser bei Wasserkraftanlagen. (Verein deut. Ingen. Ztschr. v. 50, pp. 1821–1826. *Berlin*, 1906.)

Intze (O.) Ueber die Wasserverhältnisse im Gebirge, deren Verbesserung und wirthschaftliche Ausnutzung. (Zeitsch. f. Architektur u. Ingenieurwesen. Heft-Ausgabe. *Hanover*, 1899. f°. v. 45 (N. F. v. 4.) col. 1–47.)

Jackson (William B.) Hydraulic developments as related to electric installations. [Discussion] (Jour. Western Soc. of Engineers. v. 8, pp. 302–332. *Chicago*, 1903.)

Kleinhans (Frank B.) Diagrams for estimating hydraulic machinery. (Engineering News. v. 50, pp. 362–363. *New York*, 1903.)

La Coux (H. de). Industrial uses of water. Translated...and revised by A. Morris. *London: Scott, Greenwood & Co.*, 1903. viii, 354 pp. 8°.

Lauda ( ), *and* GOEBL. Die Verwertung der Wasserkräfte. 3 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 12, pp. 589–607. *Wien*, 1906.)

Mattern (E.) Die Ausnutzung der Wasserkräfte. Technische und wirtschaftliche Grundlagen. Neuere Bestrebungen der Kulturländer. *Leipzig: W. Engelmann*, 1906. vii, 260 p. illus. 8°.

Mayer (Arthur). Zur Frage der Nutzbarmachung der Wasserkräfte für industrielle, insbesondere Tractionszwecke. (Mittheil. d. Vereines f. d. Förderung des Local u. Strassenbahnwesens. Jahrg. 8, pp. 313–333. *Wien*, 1900.)

Nagle (A. E.) An analysis of the "commercial" value of water-power per horse-power per annum. [With discussion.] (Amer. Soc. Mechanic. Engineers. Transac. v. 24, pp. 286–314. *New York*, 1903.)

Parsons (C. E.) Sale of water-power from the power company's point of view. (Street Railway Jour. v. 27, pp. 1023–1027. *New York*, 1906.)

Peny (Edmond). Àpropos des forces motrices hydrauliques. (Rev. Universelle des mines, de la métallurgie, etc. *Liége*, 1898. 8°. Sér. 3, v. 42, pp. 110–129.)

Philippe (René). Utilisation des chutes d'eau à la production d'énergie électrique. 2 pl. (Portefeueile écon. des machines. ser. 4, v. 10, col. 97–102. *Paris*, 1901.)

Rother (M.) Die Ergiebigkeit unvollkommener Brunnen. (Schillings Jour. f. Gasbeleuchtung. Jahrg. 47, pp. 937–942; 957–962. *München*, 1904.)

Samson-Himmelstjerna (Hermann von). Ueber Wasserwirthschaft. *Hamburg: Verlagsanstalt u. Druckerei A. G.*, 1899. 53 p. 8°. (In: Sammlung gemeinverständl. wissenschaftl. Vorträge. N. F. xiv. Ser., Heft 323.)

Schlotthauer (Ferdinand). Über Wasserkraft- und Wasserversorgungsanlagen. Praktische Anleitung zu deren Projektierung, Berechnung und Ausführung. *München: R. Oldenbourg*, 1906. xiv, 225 p. illus. 8°. (Oldenbourgs technische Handbibliothek. Bd. 7.)

Storer (S. B.) The relation of load-factor to the elevation of hydroelectric plants. (Proc. Amer. Inst. of Electr. Engineers. v. 25, pp. 163–187. *New York*, 1906.)

Sturgess (John). Speed regulation of water-power plants. (Amer. Soc. of Mechan. Eng. Trans. v. 27, pp. 682–697. *New York*, 1906.)

Tavernier (René). Influence des neiges et des glaciers sur le régime des cours d'eau. (Cong. de la houille blanche. Sept. 1902. Compte rendu. v. 1, pp. 185–194. *Grenoble*, 1902.)

Tessitore (Sebastiano). Motori per fiumi. 65 pp. (Atti del R. Ist. d'incoraggiamento di Napoli. ser. 5, v. 2. *Napoli*, 1901.)

Waters (Theodore). Water-falls and the work of the world. (World's Work. v. 2, pp. 739–744. *New York*, 1901.)

Yorke (F. R.) Practical notes on water-power for electrical purposes. (Electrician. v. 46, pp. 436–438. *London*, 1901.)

Water Power, cont'd.

Regional.

Alps.

Holz (N.) Ueber Wasserkraftverhältnisse in Skandinavien und im Alpengebeit. 8 pl. in atlas. (Ztschr. f. Bauwesen. Jahrg. 50, col. 378–411, 527–60; Jahrg. 51, col. 97–132. *Berlin*, 1900–1901.)

—— —— Same, separate. 48 p., 8 pl. f°.

Houllevigue (L.) Les Alpes industrielles. (Rev. de Paris. 1902, v. 6, pp. 750–768. *Paris*, 1902.)

Tavernier (René). Les forces hydrauliques des Alpes en France, en Italie et en Suisse. (Annales des ponts et chaussées. Partie 1, (partie tech.) 1900. trimes. 2, pp. 1–167. *Paris*, 1900.)

—— L'utilisation des chutes d'eau dans les Alpes françaises. (Mém. et compte rendu d. trav. de la soc. d. Ingénieurs civils de France. Bull. ser. 6, année 55, pp. 734–781. *Paris*, 1902.)

Canada.

Keefer (Thomas Coltrim). Address of T. C. Keefer, president Canadian Society of Civil Engineers, at the annual meeting January 12., 1898. n. p. [1898?] 10 pp. 8°.

Cephalonia.

Simonelli (Vittorio). I Mulini di mare e gli Scogli barcollanti dell Isola di Cefalonia. (Cong. geografico italiano. Atti. 4th cong. April, 1901, pp. 170–195. *Milano*, 1902.)

France.

See also Alps *above*.

Audebrand (A.) La houille blanche en France. 2 pl. (Annales de géog. Année 13, pp. 37–55. *Paris*, 1904.)

Bresson (Henri). Mise en valeur des moyennes et basses chutes d'eau en France. La houille verte ...Préface de M. Max de Nansouty. [Ouvrage publié sous les auspices de M. le Ministre de l'Agriculture.] *Paris: H. Dunod et E. Pinat*, 1906. xxii, 278 p. illus. 4°.

France.—*Travail, Office du.* Répartition des forces motrices à vapeur et hydrauliques. *Paris*, 1901. 4°. (Commerce, de l'Industrie, des Postes et des Télégraphes, Minist. du. 1899, v. 2.)

Garcia (A.) Étude sur l'utilisation des chutes du Rhone entre la frontière suisse et Pyrimont. 1 pl. (Mém. & compte rendu d. trav. de la Soc. d. ingén. civils de France. Bull. sér. 6, 1901, pp. 576–621. *Paris*, 1901.)

Leroy-Beaulieu (Pierre). Les grandes réserves d'énergie hydrauliques en France. (L'écon. Français. année 29, v. 1, pp. 265–267. *Paris*, 1901.)

Paquier (Jean Baptiste). Distribution géographiques des forces hydrauliques dans le département de l'Orne et les départements voisins. Maps, diagrams. (Géographie, v. 7, pp. 427–442. *Paris*, 1903.)

Klir (Anton). Ausnützung der Wasserkraft des Rhôneflusses bei Lyon. 3 pl. (Oesterr. Monatschr. f. d. öffentliche Baudienst. Jahrg. 5, pp. 8–12. *Wien*, 1899.)

Germany.

Ellington (Edward Bayzand). Public hydraulic power. "The Hull hydraulic power co. and high pressure water supply..." A paper read before the Liverpool Engineering Society...1880. *Liverpool: W. Barton & Co.*, 1881. 13 p., 3 pl. 8°.

Goerich (Charles). Rapport sur le projet d'utilisation de la force motrice du Rhin, entre Niffer et Ottmarsheim, de MM. René Kœchlin, Potterat et Havestadt & Contag. (Bull. Soc. indust. de Mulhouse. v. 73, pp. 184–193. *Mulhouse*, 1903.)

Hempel (R.) Die Wasserkräfte des Harzes. Eine Studie. (Ztschr. f. Gewässerkunde. v. 5, pp. 129–155. *Leipzig*, 1902.)

Sympher ( ). Die neuen wasserwirtschaftlichen Gesetze in Preussen...*Berlin: W. Ernst & Sohn*, 1905. 2 p.l., 108 p. ill. 8°. (Internationaler ständiger Verband der Schiffahrt-Kongresse.)

India.

Description of the pan-chaki or native water-mill. 1 pl. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1833. 8°. v. 2, pp. 359–364.)

Great Britain.

Ellington (E. B.) The distribution of hydraulic power in London. [*London*, 1888.] 5 p. 12°. (Institution of Civil Engineers. Private Press. Session 1887–88. no. 11.)

Lodian (L.) Electric utilization of the Irish sea tides. (Electr. Engineer. v. 17, pp. 62–63. *New York*, 1894.)

Tatlow (W.) Notes on Irish water-power and its electrical development. (Jour. Inst. of Electr. Engineers. v. 31, pp. 1146–1157. *London*, 1902.)

Italy.

See also Alps.

Nitti (Francesco Saveric). La città di Napoli. Studi e ricerche su la situazione economica presente e la possible transformazione industriale. Con un' appendice su le forze idrauliche dell' Italia e la loro utilizzazione. *Napoli: L. Alvano*, 1902. 263 p. f°.

Extr.: Atti del R. Instituto d'Incorraggiamento di Napoli. Ser. 5, v. 3, no. 5.

—— Nuove ricerche sulle forze idrauliche dell' Italia e la loro utilizzazione. 72, 53 p. (Atti d. r. istituto d'incorraggiamento di Napoli. ser. 5, v. 4 (v. 54), no. 13. *Napoli*, 1903.)

Semenza (G.) Les installations hydro-électriques de la haute Italie. (Mém. & compte rendu d. trav. Soc. d. ingén. civils de France. Bull. Année 58 (Aug. 1905), pp. 195–229. *Paris*, 1905.)

Laos.

Macey (Paul). La houille blanche au Laos. (Bull. Soc. de géog. commerciale de Paris. v. 27, pp. 280–285. *Paris*, 1905.)

Peru.

Guarini (Emile). The water powers of Peru. Their development and possible applications. (Engineering Maga. v. 32, pp. 391–400. *New York*, 1906.)

Water Power, cont'd.

Scandinavia.

Holz (N.) Ueber Wasserkraftverhältnisse in Skandinavien und im Alpengebiet. 8 pl. in Atlas. (Ztschr. f. Bauwesen. Jahrg. 50, col. 378–411; 527–560; Jahrg. 51, col. 97–132. *Berlin*, 1900–1901.)

—— —— Same, separate. 48 p., 8 pl. f°.

Switzerland.

See also Alps.

Amsler (Alfred). The utilisation of the Schiffhausen water power. (Jour. Inst. Electr. Engineers. v. 29, pp. 175–184. *London*, 1900.)

Ancel ( ). Les concessions d'usage d'eau dépendant du domaine public dans le canton de Vaud. (In: Statistique du canton de Vaud. *Berne*, 1899. 4°. livr. 3, pp. 135–137.)

Reyval (J.) Les forces motrices du Rhin. illus. (Éclairage électr. v. 53, pp. 9–14. *Paris*, 1907.)

United States.

Water power statistics in U. S. census reports are given in the volumes on Manufactures.

United States.—*Census Office.* Reports on the water-power of the United States. *Washington: Govt. Prtg. Office*, 1885. pt. 1–2. 4°. (10. Census, 1880, v. 16–17.)

Hollerith (H.) Report on the statistics of steam and water-power used in the manufacture of iron and steel during...1880. v, 12 p. (In: U. S. Census Office. 10 census. 4°. v. 22.)

—— Statistics of power used in manufactures. iv, 1 l., 33 p., 3 diag., 4 maps. (In: U. S. Census Office. 10. census. 4°. v. 2. pp. 487–525.)

Perrine (Frederick A. C.) Water-power of the southeastern Appalachian region. (Proc. Amer. Inst. of Electr. Engineers. v. 24, pp. 605–616. *New York*, 1905.)

Swain (George F.) Statistics of water power employed in manufacturing in the United States. *Boston: W. J. Schofield*, 1888. 36, 2 l., 39–44 p., 2 maps. 8°. (Pub. Amer. statis. assn., new ser., no. 1.)

—— Water-power of the southern Atlantic watershed of the United States. *Washington: Govt. Prtg. Office*, 1881. 1 p.l., 164 p., 15 maps. pap. 4°. (United States. Census Office, 10th Census.)

Alabama.

Hall (B. M.) A preliminary report on a part of the Water Powers of Alabama. *Montgomery: Brown Prtg. Co.*, 1903. 185, (3) p., 1 map, 4 pl. 8°. (Alabama Geological Survey. Bulletin no. 7.)

Georgia.

Hall (B. M.), *and* C. C. Anderson. A preliminary report on a part of the water-powers of Georgia, compiled from the notes of C. C. Anderson, late assistant geologist...*Atlanta: G. W. Harrison, prtr.*, 1896. 8°. (Georgia Geological Survey. Bull. 3–A.)

Iowa.

Foster (W. L.), *and* H. J. Gould. An investigation of the development of the water powers of Iowa. 1 table. (Iowa Engineer. v. 7, pp. 188–195. *Ames*, 1907.)

Maine.

Pressey (Henry Albert). Water powers of ...Maine. *Washington: Govt. Prtg. Office*, 1902. 124 p., 5 maps, 10 pl. 8°. (U. S. Geolog. Survey. Water-supply and Irrigation Papers. no. 69.)

Wells (Walter). Provisional report upon the water-power of Maine. *Augusta: Stevens & Sayward, prtrs.*, 1868. 327 p., 2 maps. 8°. (Maine. Hydrographic Survey.)

—— The water-power of Maine. *Augusta: Sprague, Owen & Nash*, 1869. vii, 526 p., 1 map, 20 pl. 8°. (Maine. Hydrographic survey.)

—— The water-power of Maine; reports of the commissioners and secretary of the hydrographic survey of 1867. *Augusta: Orren & Nash*, 1868. 2 p.l., 30 p., 2 l., 327 p. (Maine. Hydrographic Survey.)

Part 2 is identical with the "Provisional report."

Massachusetts.

Holyoke Water Power Company v. Holyoke (City of). Commonwealth of Massachusetts, Supreme Judicial Court. Hampden, ss. Holyoke Water Power Company, petitioner, v. City of Holyoke. Before Everett C. Bumpus, James E. Cotter and Edmund K. Turner. *Boston: G. H. Ellis*, 1899–1903. 20 v. 8°.

Michigan.

Engineering and industrial enterprises at Sault Ste. Marie. (Engineering News. v. 47, pp. 18–22. *New York*, 1902.)

North Carolina.

Swain (George F.), *and others.* Papers on the water power in North Carolina. By George Swain, J. A. Holmes, and E. W. Myers. *Raleigh: G. V. Barnes, prtr.*, 1899. 292 p., 3 maps, 13 pl. 8°. (North Carolina. Geological Survey. Bull. 8.)

New York.

Adams (Alton D.) How to save Niagara Falls. Possibilities of enormous water-power development without affecting the falls. (Tech. World Maga. v. 4, pp. 160–167. *Chicago*, 1905.)

Barton (Philip P.) Niagara Falls power. The organisation of the operating department of the Niagara Falls Power Company. (Cassier's Maga. v. 21, pp. 179–205. *New York*, 1902.)

Birkinbine (John). A proposed water-power improvement in the gorge of the Niagara river, New York. (Proc. Engineers' Club of Phil. *Philadelphia*, 1899. 8°. v. 16, pp. 38–45.)

Buck (H. W.) The utilization of Niagara power. 4 pl. (Jour. Assoc. of Engineering Soc. v. 32, pp. 344–351. *Philadelphia*, 1904.)

Delivery (The) and distribution of Niagara power in Buffalo. (Electrical World. *New York*, 1899. 4°. v. 33, pp. 76–82.)

Gow (George B.) The story of a great enterprise. The Hudson River Water Power Company. The story of its works at Spier Falls...together with some account of its relations to the varied industries of the Mohawk and Upper Hudson Valleys. [*Glens Falls: Glens Falls Pub. Co.*, 1903.] 77 p., 1 port., pl. 8°.

Hudson river power in Albany, Troy and Schenectady. (Electr. World and Engineer. v. 43, pp. 905–911. *New York*, 1904.)

Water Power, cont'd.

Johnson (W. C.) Power development at Niagara Falls other than that of the Niagara Power Co. (Jour. Ass. of Engineering Soc. v. 23, pp. 78–88. *Philadelphia*, 1899.)

Niagara Falls industrial number. (Scientif. Amer. Supp. March 3, 1900. v. 49, pp. 20207–20220. *New York*, 1900.)

Niagara power in Buffalo. (Electrical World and Engineer. v. 44, pp. 933–936, 987–994. *New York*, 1904.)

Niagara (The) power system up to date. (Electr. Engineer. (v. 31) n. s. v. 25, pp. 222–224. *London*, 1900.)

Niagara (The) River Hydraulic Tunnel, Power and Sewer Co. Water-power at Niagara Falls to be succesfully utilized...Its objects, facilities and resources, etc...[*Buffalo: Matthews, Northrup & Co.*,] 1886. 16 p., 1 diag., 1 map. 1 pl. 4°.

Rafter (George W.) On the application of the principles of forestry and water storage to the mill streams of the state of New York. Read before the twenty-second annual meeting of the American Paper and Pulp Association...February 15. and 16., 1899. [*New York?*, 1899?] 17 p. 8°.

Van Cleve (A. Howell). Utilization of water power at Niagara Falls. 20 p. (Bull. Buffalo Soc. of Nat Sci. v. 8, no. 1. *Buffalo*, 1903.)

Water-power (The) of the falls of Niagara applied to manufacturing purposes. The hydraulic tunnel of the Niagara Falls Power Company. An accurate description of one of the greatest industrial undertakings of the age, with plans, maps and illustrations. *Niagara Falls: Business Men's Assoc.* [1890] 46 p. pl. 8°.

Water Supply.

General Works only included here; for material on the water supply of individual places see the regional arrangement in the index (card) catalogue under "Water Supply."

Aikman (D. W.) Water supply. *Roorkee: Thomason Civil Eng. Coll. Press*, 1902. xii, 1 l., 126, xii, iv p., 23 pl. 8°. (Roorkee treatise on civil engineering. v. 2. sect. 12.)

Ansted (D. T.) Water and water-supply, chiefly in reference to the British Islands; surface waters. *London*, 1878. maps. 8°.

Auchincloss (W. S.) Waters within the earth and laws of rainflow. 43 p. *Philadelphia*, 1897. 8°.

Balfour-Browne (John Hutton). Water supply. *London*, 1880. 12°.

Binnie (*Sir* A. R.) Lectures. Water supply, rainfall, reservoirs, conduits and distribution. *Chatham: Roy. E. Inst.*, 1887. xvi, 83 p., 41 pl. 2. ed. 8°. (Royal Engineers Institution.)

Boursault (H.) Recherche des eaux potables et industrielles. *Paris: Gauthier-Villars* [1900]. 200 p. 12°. (Encyclopédie scientifique des aide-mémoire. Section de l'ingénieur.)

Brigden (W. W.) Waterworks management. [Discussion.] (Mich. Engineer. 1900, pp. 60–77. *Battle Creek*, 1900.)

Burton (W. K.) The water supply of towns and the construction of waterworks. *London*, 1894. 4°.

Castel-Branco (José Emilio de Sant' Anna da Cunha). Relatorio ácerca dos systemas modernas de canalisação empregados na Europa para esgoto das cidades...em 29 de Janeiro...1879... Atlas. *Lisboa: Imp. Nac.*, 1880. 2 p.l., 53 pl. f°. (Portugal. Obras Publicas, Commercio e Industria, Ministerio dos.)

Caus (J. de). New and rare inventions of waterworks; translated by John Leak. *London*, 1659. f°.

Chandler (G. W.) Water supply for small cities. (Illinois Soc. of Engineers and Surveyors. 17th Ann. Rept. 1902, pp. 197–207. *Urbana*, 1902.)

Chenot (Gustave). Formules pratiques servant à abréger les calculs relatifs aux conduites forcées dans les projets de distributions d'eau. (Annales des trav. pub. de Belgique. ser. 2, v. 7, pp. 963–1014. *Bruxelles*, 1902.)

Corfield (W. H.) Water and water supply. *New York*, 1875. 24°. (Van Nostrand's sci. Ser., no. 17.)

Debauve (A.) Distributions d'eau. Egouts. Text and 43 plates. *Paris: P. V. Dunod et Cie.*, 1897. Tom. 1–2. 8° and f°.

Denton (E. Bailey). Watersupply to villages and rural districts. (Internat. Health Exhib. The Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 404–414.)

Doane (A. O.) Water pressure regulators. [Discuss.] 1 pl. (Jour. New Eng. Water Wks. Assoc. v. 20, pp. 1–16. *Boston*, 1906.)

Dumas (J.), *translator*. J. Dumas. Brunnen-Ingenieur...(Neuer Schauplatz der Künste. v. 233. *Weimar*, 1857. pl. 12°.)

Dumas (M. J.) La science des Fontaines... *Valence: E. Favier et Cie.*, 1856. x, 11–475 p., 1 l., 12 pl. 8°.

Dumont (Aristide). Pratique des distributions d'eau. *Paris: Dunod*, 1863. xii, 139 p., 3 pl. sq. 4°.

Dupuit (J.) Traité théorique et pratique de la conduite et de la distribution des eaux. Atlas f° and 4°. *Paris*, 1854.

Easton (E.) Water supply. (Internat. Health Exhib. The Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 414–423.)

Fanning (J. T.) A practical treatise on water-supply engineering. *New York*, 1877. il. pl. 8°.

Folwell (A. Prescott). Notes on lost head in water supply systems. (Engineering News. v. 47, pp. 303–304. *New York*, 1902.)

—— Water-supply engineering. The designing, construction, and maintenance of water-supply systems, both city and irrigation. *New York: J. Wiley & Sons*, 1900. 1 p.l., v–xiv, 562 p. 8°.

Génieys (R.) Essai sur les moyens de conduire, d'élever et de distribuer les eaux. *Paris*, 1829. 4°.

Grahn (E.) Die städtische Wasserversorgung. Bd. 1. *München: R. Oldenbourg*, 1878. 4°.

Bd. 1. Statistik... Beschreibung der Anlagen in Bau und Betrieb.

Herlin (Harald). Några typiska vattenverk och vid dem föreslagna nyanläggningar. (Tekniska Föreningens i Finland Förhandl. Årg. 24, pp. 31–42. *Helsingfors*, 1904.)

Water Supply, cont'd.

Hill (William R.) Some things that should be done in constructing a distributing system of water works. (Jour. of the New England Water Works Assoc. *New London*, 1898. 8°. v. 13, pp. 36–48.)

Hollis (Sydney A.) Preliminary investigations for water supply. [Discussion.] 1 pl. (Soc. of Engineers. Transac. 1901, pp. 147–158. *London*, 1902.)

Hubbard (Winfred D.), *and* W. Kiersted. Water-works management and maintenance. *New York: J. Wiley & Sons*, 1907. vi, 429 p., 2 diag. ill. 1. ed. 8°.

Hughes (George H.) Practical notes on waterworks construction. 33 pl. (Junior Inst. of Engineers. Rec. of Transac. v. 15, sess. 24, 1904–1905, pp. 181–227. *London*, 1906.)

Hughes (Samuel). A treatise on waterworks for the supply of cities and towns, with a description of the principal geological formations of England, as influencing supplies of water. New edition. *London*, 1872. il. pl. 12°.

Humber (W.) A comprehensive treatise on the water supply of cities and towns, with numerous specifications of existing waterworks. *London*, 1876. il. pl. f°.

Intze (O.) Die geschichtliche Entwicklung, die Zwecke und der Bau der Talsperren. 3 pl. (Ztschr. d. Vereines deut. Ingen. v. 50, pp. 673–687; 726–741; 817–822; 942–950. *Berlin*, 1906.)

Lueger (Otto). Die Wasserversorgung der Städte. Abthl. 1. *Darmstadt: A. Bergstärsser*, 1895. 8°. (Der Staedtische Tiefbau, Bd. 2.)

Mc Pherson (J. A.) Waterworks distribution; a practical guide...for the supply of water to cities and towns. *London: B. T. Batsford*, 1901. xiv, 154 p., 1 chart, 19 diag. 8°.

Maillet (Edmond). Mémoire sur le vidage des systèmes de reservoirs. (Annales d. ponts et chaussées. pt. 1. année 76 (sér. 8, v. 21), pp. 110–149. *Paris*, 1906.)

Mansergh (J.) Lectures. Water supply, prospecting for water, well-sinking and boring. Delivered at the School of Military Engineering, Chatham, Autumn session 1880. *Chatham, Eng.: the School*, 1882. 4 p.l., 149 pp., 25 pl. 8°.

—— Sources of water supply. (Internat. Health Exhib. The Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 424–443.)

Marboutin (Felix). Nouvelle méthode d' étude des eaux de sources. 1 pl. (Mém. et compte rendu de la Soc. d. Ingénieurs civils de France. Bull. ser. 6, 1901, pp. 367–393. *Paris*, 1901.)

Marten (H. J.) Mode of distribution, with remarks on dual supply. (Internat. Health Exhib. The Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 537–548.)

Mason (W. P.) Water-supply. (Considered principally from a sanitary standpoint.) *New York: J. Wiley & Sons*, 1896. vii, 504 pp., 2 maps, 1 pl. 8°.

Moore (F. C.) Water works and pipe distribution. *New York*, 1895. 2 p.l., 36 p., 1 l. 8°.

Moore (Francis C.) Water works and pipe distribution. *New York:* [*Continental Insurance Co.*,] 1900. 2 p.l., 36 p., 1 l. 12°.

Müller (Rudolf). Wasserversorgungsanlage mit zwei getrennten Hochreservoiren. 1 pl. (Österr. Wochenschr. f. d. öffentl. Baudienst. Jahrg. 11, pp. 269–271. *Wien*, 1905.)

National Meter Company, New York. Statistics, tables and water rates of cities and towns, together with facts about water meters. *New York: D. H. Gildersleeve*, 1887. 82 p., 4 tables. illus. nar. 4°.

Nicholson (James N.) Water supplies for small communities. [With discussion.] 3 pl. (Liverpool Engineering Soc. Transac. sess. 28, v. 23, pp. 156–180. *Liverpool*, 1902.)

Palmer (Arthur W.) Water supplies for towns and country places. (City Government. *New York*, 1898. 4°. v. 5, pp. 222–225.)

Prinz ( ). Versuchsbrunnenanlagen. (Gesundheits-Ingenieur. Jahrg. 25, pp. 24–29. *München*, 1902.)

Quick (J.) Remarks on the distribution of water. (Internat. Health Exhib. The Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 563–575.)

Reese ( ). Entwicklung der Betriebsmaschinen für Wasserwerke. [With discussion.] (Schillings Jour. f. Gasbeleucht. u. Wasserversorgung. Jahrg. 49, pp. 797–803. *Berlin*, 1906.)

Regulations for use of water in small plants. (Municipal Engineering. v. 21, pp. 63–68. *Indianapolis*, 1901.)

Reich (A.) Der städtische Tiefbau umfassend: die Bebauungspläne, die Befestigung der Strassen, die Reinigung der Strassenflächen und Beseitigung des Kehrichts, die Wasserversorgung der Städte die Entwässerungsanlagen der Städte und die Reinigung und Beseitigung städtischer Abwässer... *Leipzig: B. F. Voigt*, 1907. x, 223 p., 5 pl. illus. 4°. (Handbuch des Bauingenieurs...Bd. 3.)

Richert (J. Gustav). The progressive sinking of the ground water level and artificial ground water supplies. (Engineering News. v. 52, pp. 474–475. *New York*, 1904.)

Ritter (Friedrich). Wasser und Eis. Eine Darstellung der Eigenschaften, Anwendung und Reinigung des Wassers für industrielle und häusliche Zwecke und der Aufbewahrung, Benützung und künstlichen Darstellung des Eises... *Wien: A. Hartleben*, 1879. xvi, 312 p. ill. 12°. (A. Hartleben's chemisch-technische Bibliothek. Bd. 57.)

Robinson (Henry). Storage of flood water. (Jour. Sanitary Inst. v. 20, pp. 588–592. *London*, 1900.)

Schlotthauer (Ferdinand). Über Wasserkraft- und Wasser-Versorgungsanlagen. Praktische Anleitung zu deren Projektierung, Berechnung und Ausführung. *München: R. Oldenbourg*, 1906. xiv. 225 p. illus. 8°. (Oldenbourgs technische Handbibliothek. Bd. 7.)

Shedd (J. Herbert). Requisite amount of water for a public supply. [Discussion.] (Jour. New Eng. Water Wks. Assoc. v. 18, pp. 1–24. *Boston*, 1904.)

Stearns (Frederic P.) The development of water supplies and water-supply engineering. (Engineering Rec. v. 54, pp. 23–25. *New York*, 1906.)

Water Supply, cont'd.

Storrow (C. S.) A treatise on water works for conveying and distributing supplies of water, with tables and examples. *Boston*, 1835. 12°.

Symons (G. J.) The origin of water supply. (Internat. Health Exhib. Health Exhib. literature. *London*, 1884. 8°. v. 8, pp. 398–404.)

Thresh (J. C.) Water and water supplies. *London: The Redman Pub. Co.*, 1896. xv, (1) 438 pp. illus. 12°.

Tschebull (Anton). Ueber die Erschliessung unterirdischer Quellwässer und die Zweite Hochquellenleitung. [Discussion.] (Ztsch. d. oesterr. Ingenieur u. architek.-Vereines. Jahrg. 53, pp. 451–458. *Wien*, 1901.)

Tudsberry (J. H. T.), *and* A. W. Brightmore. The principles of waterworks engineering. 2. ed. *London: E. & F. N. Spon*, 1897. xv, 429, 14 pp., 13 pl. 8°.

Turneaure (F. E.), *and* H. L. Russell. Public water-supplies... With a chapter on pumping machinery by D. W. Mead. *New York: J. Wiley & Sons*, 1901. xiv, 746 p. 8°.

Vaughan (V. C.) Water-supply. An address at a Sanitary Convention at Ypsilanti,...July 1, 1885. *n. t.-p.* 59–68 pp. 8°. (Mich. Health Bd.)
Repr.: Supp. Ann. rept. Mich. Health Bd. for 1885.

Vernon-Harcourt (Leveson Francis). Sanitary engineering with respect to water-supply and sewage disposal. With...illustrations. *London: Longmans, Green & Co.*, 1907. xxi (1), 419 (1) p. illus. 8°. (Longmans' civil engineering series.)

Wahl (C.) Leitend Gesichtspunkte bei Vorarbeiten und Anlage von Grundwasserversorgungen. (Schilling's Jour. für Gasbeleuchtung und Wasserversorgung. *München*, 1898. f°. Jahrg. 41, pp. 626–630; 640–643.)

Ward (F. O.) "Circulation or stagnation": being a translation of a paper by F. O. Ward, read at the sanitary congress held in Brussels in 1856, on the arterial and venous system for the sanitation of towns, with a statement of the progress for its completion made since then, by Sir E. Chadwick. *London: Repr. & pub. by Cassell & Co.*, 1889. 48 p. 8°.

Water supply for cities and towns. Apparatus for converting reservoir water works into direct supply works, and for regulating and controlling them for fire service. *Harrisburg: L. S. Hart*, 1884. 16 p. 8°.

Watson (James). A consideration of the rate per head per day of supply in different towns, and of the causes which increase or diminish it in particular instances. (Engineering. v. 87, pp. 587–588. *London*, 1899.)

Williams (Gardner S.) Some notes on the design of water works distribution systems. (Jour. of the New Eng. Water-Works Assoc. v. 14, pp. 97–101. *Boston*, 1899.)

Williams (Richard Price). The maintenance and renewal of waterworks. 2 pl. (Minutes of proc. of the Inst. of Civil Engrs. v. 148, pp. 305–325. *London*, 1902.)

Wolffhuegel (G.) Wasserversorgung. *Leipzig: F. C. W. Vogel*, 1882. viii, 244 p. 8°. (Handbuch der Hygiene und der Gewerbekrankheiten. 2. Th., 1. Abt., 2. Hälfte.)

Wright (J.) The water question. [*London*,] 1828. 8°.

Yassukovitch (M.) Graphische Untersuchungen bei den Wasserversorgungsanlagen. (Schillings Jour. f. Gasbeleucht. Jahrg. 49, pp. 911–914. *München*, 1906.)

Water Tanks.

See Tanks, Towers, and Standpipes.

Water Towers.

See Tanks, Towers, and Standpipes.

Water Wheels.

Cadolini (G.) L'architettura practica dei mulini. Trattata con metodi semplici ed elementari desunti dal Neumann e dall' Eytelwein, unitovi un ragguaglio sulla teoria delle ruote idrauliche, sulla fabricazione delle ruote metalliche e sui perfezionamenti dell' arte di macinare. Libro I. *Milano: A spese dell' editore*, 1835. sq. 4°. (Scelta biblioteca dell' ingegnere civile. v. 14.)

Carpenter (R. C.) Test of a new impulse water motor. (Sibley Jour. of Mechan. Engineering. v. 15, pp. 167–170. *Ithaca*, 1901.)

Fairbairn (W.) On water-wheels with ventilated buckets. *London: J. Weale*, 1849. 20 p., 2 pl., 1 plan. 4°.

Fox (William). Graphics of water-wheels. (Stevens Indicator. *Hoboken*, 1898. 8°. v. 15, pp. 374–387.)

Franke (Alfred). Das Peltonrad im Dienste der Wasserversorgung von Stadt- und Landgemeinden sowie zur Erzeugung elektrischer Energie für Beleuchtungszwecke, Kraftlieferung zu industriellen Betrieben. (Schillings Jour. f. Gasbeleuchtung. Jahrg. 48, pp. 562–566; 583–588. *München*, 1905.)

Goodman (John). The governing of impulse water-wheels. (Engineering. v. 78, pp. 597–600. *London*, 1904.)

Henne (Heinrich). Die Wasserräder u. Turbinen, ihre Berechnung und Konstruktion. Elementares Lehr- und Handbuch für Techniker, Mühlenbauer, Fabrikanten... Text and atlas. *Leipzig: B. F. Voigt*, 1903. 3. ed. 2 v. 8° and 4°.

Homberger (Heinrich). Die Entwicklung des Tangentialrades in Kalifornien. (Ztsch. d. Vereines deut. Ingenieure. v. 48, pp. 1901–1905. *Berlin*, 1904.)

Houston (William Campbell). Experimental and analytical results of a series of tests with a Pelton wheel. [Discussion and correspondence.] 2 pl., 1 table. (Transac. Inst. Engineers and Shipbuilders in Scotland. v. 46, pp. 275–304. *Glasgow*, 1903.)

Impulse water-wheels of large diameter. (Engineering News. *New York*, 1898. f°. v. 40, p. 253.)

Kingsford (R. T.) A complete theory of impulse water-wheels and its application to their design. (Engineering News and Amer. Railway Jour. *New York*, 1898. f°. v. 40, pp. 37–39.)

Water Wheels, cont'd.

Krümmel (Otto). Die geographische Verbreitung der Wind- und Wassermotoren im Deutschen Reiche. Maps. (Petermanns Mitteil. v. 49, pp. 169-173. *Gotha*, 1903)

Large (A) water wheel. (Engineering and Mining Jour. *New York*, 1898. f°. v. 66. p. 461.)

Meissner (G.) Theorie und Bau der Turbinen und Wasserräder. (Bd. 2 of his: Die Hydraulik und die hydraulischen Motoren. *Jena*, 1895–99. 8°.)

Mueller (Wilhelm). Oberschlächtiges eisernes Zellenwasserrad mit 10 M. Durchmesser. (Dingler's polytechnisch. Jour. Jahrg. 81, v. 315, pp. 557–569. *Stuttgart*, 1900.)

—— Die eisernen Wasserräder. Berechnung, Konstruktion und Bestimmung ihres Wirkungsgrades mit Zahlreichen Beispielen aus der Praxis Übersichten der Grössenverhältnisse und Gewichte sowie Mitteilungen über Leistungsversuche, für Ingenieure, Wasserbautechniker und Wasserwerksbesitzer... *Leipzig: Veit & Co.*, 1899. 3 pts. in 2 v. 4°.

v. 1, pt. 1, Die Zellenräder.
pt. 2, Die Schaufelräder.
v. 2, plates.

Novel impulse wheel generating plant. (Electr. World and Engineer. v. 34, pp. 754–755. *New York*, 1899.)

Pelton (The) wheel for rolling mills. (Engineer. v. 96, pp. 544–546. *London*, 1903.)

Pelton Water Wheel Co. The Pelton water wheel... [*San Francisco?*] 1898. 98 pp. 7. ed. 4°.

—— Rueda hidraulica "Pelton"...Cuyas varias formas de construcción y aplicación están fundadas en el "sistema de fuerza hidraulica Pelton." *San Francisco: Pelton Water-Wheel Co.*, 1899. 1. Spanish ed. 1 p.l., 88 pp., 1 l. 4°.

Quantz (L.) Wasserkraftmaschinen. Ein Leitfaden zur Einführung in Bau und Berechnung moderner Wasserkraft-Maschinen und Anlagen. Mit... Figuren. *Berlin: J. Springer*, 1907. viii, 102 p. 8°.

Redtenbacher (F.) Theorie und Bau der Wasserräder. Mit 23 grossen und 6 kleinen lithographirten Tafeln. Atlas fol. *Mannheim*, 1846. 8°.

Replogle Governor Works, Replogle's duplex relay water-wheel governor. [*Akron, O.: Replogle Governor Works*, 190–?] 3 sep. sheets. illus. f°.

Rix (E. A.) A compound duplex automatic air compressor and the largest impulse water wheel in the world. (American Machinist. *New York*, 1898. f°. v. 21, pp. 831–836.)

Segundo (E. C. de). The Cassel self-regulating water wheel. (Engineers' Gazette. v. 15, pp. 275–277. *London*, 1901.)

—— The Cassel self-regulating water wheel. [Discussion.] 2 pl. (Inst. Mechanical Engineers. Proc. Internat. Engineering Cong. Glasgow, Sept. 1901. pp. 1013–1024. *London*, 1901.)

Steichen M[ichel]). Mémoire sur la roue à palettes, emboltée dans un coursier rectiligne et sur la roue à aubes courbes. 36 pp. (In: Académie royale... de Belgique. Mémoires couronnés et autres mémoires. *Bruxelles*, 1864. 8°. v. 16. [no. 3])

Troup (James). On a possible origin of the water wheel. (Asiatic Soc. of Japan. Transactions. v. 22, pp. 109–114. 5 plates. *Yokohama*, 1894.)

—— —— Same, separate.

Valernod (M. E. de). Problême; diminuer des deux-tiers la dépense de l'eau dans les machines mues par son choc; résolu. *Lyon*, 1773. 4°.

Williamson Brothers. Patent vortex water-wheel. *n. p.* [18—] 28 pp. 12°.

[**Wright** (Albert Eugene).] Current wheels: their use for lifting water for irrigation. *Washington: Govt. Prtg. Office*, 1904. 38 pp., 4 pl. 8°. (U. S. Exper. Stations, Office of. Bull. 146.)

Wunsch ( ). Hydrovolven. illus. (Deutsche Techniker-Zeitung. Jahrg. 22, pp. 461–462. *Berlin*, 1905.)

WATER WHEELS (TURBINE).

Ahern (J.), *and others*. Experiments with a partial turbine or tangential wheel, by J. Ahern [and others]. Also experiments with hurdy gurdy wheels, and comparisons of the efficiency of a Pelton wheel with that of the partial turbine. By Ross E. Browne. *Berkeley: Univ. of Cal.*, 1883. 15 p. 8°. (University of California. Mechanics, College of. Bull. 1.)

Ahlfors (K. Axel). Modern turbinbyggnad. (Tekniska Föreningens i Finland. Förhandlingar. Årgäng 22, pp. 143–148. *Helsingfors*, 1902.)

—— Turbiners omloppstal. (Tekniska Föreningens i Finland. Förhandl. Årg. 25, pp. 173–177. *Helsingfors*, 1905.)

Albitsky (V.) Formules nouvelles générales pour le calcul des turbines hydrauliques. (Rev. de mécanique. v. 17, pp. 214–238, 342–351, 529–550. *Paris*, 1905.)

Albrecht (Karl). Berechnung und Konstruktion einer Francis-Turbine mit vertikaler Welle und Finkscher Drehschaufel-Regulierung. *Mittweida: R. Schulze*, 1904. 1 p.l., 24 pp. illus., 2 pl. 8°.

Allen (C. M.) Turbine flow recorder. (Amer. Soc. Mechanic. Engineers. Transac. v. 24, pp. 983–991. *New York*, 1903.)

Baashuus (N.) Erster Entwurf von Turbinenanlagen. (Elektrotechn. Ztschr. Jahrg. 26, pp. 961–964. *Berlin*, 1905.)

—— Klassifikation von Turbinen. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 92–94. *Berlin*, 1905.)

—— Zur Konstruktion der Laufräder der Radialturbinen. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1602–1606. *Berlin*, 1901.)

Bauersfeld (Walther). Die automatische Regulierung der Turbinen... *Berlin: J. Springer*, 1905. vii, 208 p., 4 pl. illus. 8°.

Baumann (R.) Beitrag zur Untersuchung des Verhaltens von Francisturbinen bei veränderlicher Wassermenge, Umdrehungszahl und Gefällshöhe. (Dinglers polytech. Jour. Jahrg. 85, v. 319, pp. 529–532; 547–552. *Berlin*, 1904.)

Benetti (Jacopo). Formole fondamentali di applicazione generale per le turbine motrici e per le

Water Wheels (Turbine), cont'd.

pompe centrifughe elevanti. 1 pl. (Mem. d. R. accad. d. sci. d. istituto di Bologna. ser. 5, v. 7, pp. 521–540. *Paris*, 1900.)

Birkinbine (H. P. M.) Report on the experiments with turbine wheels made in 1859–60, at Fairmount works, Phila., by H. P. M. B. *Philadelphia: W. F. Geddes, prtr.*, 1861. 56 p. 8°. (In: Ann. rpt. Phila. Water Dept. 1861.)

Budau (A.) Druckschwankungen in Turbinenzuleitungsrohren. (Ztsch. d. österr. Ingenieur u. Architek. Vereines. Jahrg. 57, pp. 417–424; 433–437; 443–447. *Wien*, 1905.)

—— Die Geschwindigkeitsregulierung der Turbinen vom Ende der achtziger Jahre des vorigen Jahrhundertes bis auf den heutigen Tag. (Ztschr. d. österr. Ingen. Jahrg. 57, pp. 621–631. *Wien*, 1905.)

—— Ueber die Wirkungsweise des Wassers in den Laufrädern der Freistrahlturbinen. (Ztschr. d. oesterr. Ingen. u. Architekten-Vereines. Jahrg. 54, pp. 413–422. *Wien*, 1902.)

Camerer (R.) Beiträge zur Bestimmung der Ein- und Austrittsgrössen von Turbinenlaufrädern auf Grund experimenteller Untersuchung. (Dinglers polytech. Jour. Jahrg. 85, v. 319, pp. 817–819; Jahrg. 86, v. 320, pp. 50–58, 97–101. *Berlin*, 1904–05.)

—— Einheitliche Bezeichnungen im Turbinenbau. (Verein deut. Ingen. Ztschr. v. 50, pp. 1993–1994. *Berlin*, 1906.)

—— Neue Diagramme zur Turbinen-theorie. (Dinglers polytech. Jour. Jahrg. 83, v. 317, pp. 677–681; 693–697. *Berlin*, 1902.)

Chignaterie (P.) Usine électrique de la Beznau (Suisse) à turbines hydrauliques et à turbines à vapeur. illus., 1 pl. (Génie civil. v. 51, pp. 1–6. *Paris*, 1907.)

Dalemont (J.) L'usure des turbines. (L'Éclair. électr. v. 41, pp. 441–444; v. 42, pp. 281–287; v. 52, pp. 217–224, 260–273, 293–297. *Paris*, 1904–05.)

Danckwerts ( ). Die Grundlagen der Turbinenberechnung für Praktiker und Studierende des Bauingenieurfaches... *Wiesbaden: C. W. Kreidel*, 1904. 74 pp. illus. sq. 8°.

Dantin (Ch.) Usine hydro-électrique du Bournillon (Isère). Nouveau régulateur de vitesse pour turbines. (Génie civil. v. 46, pp. 49–53. *Paris*, 1904.)

Dayton Globe Iron Works Company. Illustrated catalogue presenting the New American Turbine... *Dayton, O.: the Company* [1900?]. 115 p. 8°.

—— —— 98 p. Catalogue M, 1903.

Delaporte ( ). Méthode de calcul des arbres chargés animés de grandes vitesses de rotation. (Rev. de mécanique. v. 12, pp. 517–524. *Paris*, 1903.)

Doble (W. A.) The tangential water-wheel. (Transac. Amer. Inst. Mining Engineers. v. 29, pp. 852–894. *New York*, 1900.)

Dobronravoff ( ). Traité de la turbine Fourneyron . . . Traduit du Russée . . . *St. Petersbourg*, 1850. 1 l., 97 p., 8 pl. 8°.

Efficiency tests of a 400-Kw. Westinghouse-Parsons turbo-generator. (Engineering Rec. v. 51, pp. 665–666. *New York*, 1905.)

Ensslin (Max). Die Durchbiegung von ungleich starken Wellen. (Dinglers polytech. Jour. Jahrg. 82, v. 316, pp. 341–345. *Stuttgart*, 1900.)

Evolution (The) of the American type of water wheels. (Irrigation Age. v. 13, pp. 416–420. *Chicago*, 1899.)

Flamant ( ). Étude sur les turbines. (Rev. de mécanique. *Paris*, 1898. v. 2, pp. 3–23; 260–274. f°.)

—— Quelques installations récentes de turbines hydrauliques. (Rev. de mécanique. v. 16, pp. 305–322; 539–557. *Paris*, 1905.)

Fourneyron ( ). Mémoire sur les turbines hydrauliques et sur leur application en grand dans les usines et manufactures . . . *Liége: A. Leroux*, 1840. 1 l., 54 p., 4 pl. 8°.

Fox (William). Graphics of water wheels—application to Faesch & Picard Niagara turbines. (Stevens' Indicator. *Hoboken*, 1898–99. v. 16, pp. 30–35. 8°.)

Garcia (M.) Fórmulas fundamentales de las turbinas. (Mem. d. Ingenieros del ejercito. año 61, (ser. 4, v. 23), pp. 177–183; 193–200. *Madrid*, 1906.)

—— Fórmulas generales para el cálculo de turbinas. (Mem. d. Ingen. d. Ejército. v. 23, pp. 232–239. *Madrid*, 1906.)

Garnett (W. H. Stuart). Turbines. *London: G. Bell & Sons*, 1906. xiv, 283 p., 1 pl. illus. 8°.

Gelpke (Viktor). Turbinen und Turbinenanlagen. *Berlin: J. Springer*, 1906. vii, 181 (1) p., 31 pl. illus. 4°.

Gilbert, Gilkes & Co., Kendal, Eng. Manufacturers of the "Vortex," and many other classes of turbines . . . [*Kendal:*] *the Company*, 1898. 2 p.l., 65 p. sq. 4°.

Graf (Otto). Theorie, Berechnung und Konstruktion der Wasserturbinen und deren Regulatoren. Ein Lehrbuch für Schule und Praxis. Mit . . . Abbildungen . . . und praktischen Rechnungsbeispielen . . . *München: A. Lachner*, 1906. 2 v. 3. ed. 4°.

H. (M.) Förslaget till turbinprofingsanstalt vid Lernbo. 10 pl. (Teknisk tidskrift. Allmänna afd. Årg. 32, pp. 73–76. *Stockholm*, 1902.)

Harzer (F.) Die Turbinen oder horizontalen Wasserräder. *Weimar*, 1851. 12°.

Hausen (C.) Vattenledningsverkets i Helsingfors nya turbinanläggning. (Tekniska Föreningens i Finland. Förhandlingar. Argång 22, pp. 75–77. *Helsingfors*, 1902.)

Heidebroek (Enno). Vergleichende Untersuchungen über die hydraulischen Eigenschaften der Ueberdruckturbinen. (Dinglers polytech. Jour. Jahrg. 83, v. 317, pp. 1–7; 21–24; 42–44. *Stuttgart*, 1902.)

Henne (Heinrich). Die Wasserräder u. Turbinen, ihre Berechnung und Konstruktion. Elementares Lehr- und Handbuch für Techniker, Mühlenbauer, Fabrikanten ... Text und atlas. *Leipzig: B. F. Voigt*, 1903. 3. ed. 2 v. 8° and 4°.

Herrick (Albert B.) A simple connection between turbines and generators. (Electr. Rev. v. 38, pp. 318–319. *New York*, 1901.)

Herrmann (Emil). Neue Theorie der Turbinen. (Dingler's polytech. Jour. v. 312, pp. 165–169; 177–182. *Stuttgart*, 1899.)

Water Wheels (Turbine), cont'd.

Herrmann (G.) Die graphische Theorie der Turbinen und Kreiselpumpen. *Berlin: L. Simion*, 1900. vi, 1 l., 213 p., 7 pl. 2. ed. 8°.

Herzog (S.) Neue Turbinen-Regulatoren. (Ztschr. f. Elektrotechnik u. Maschinenbau. v. 7, pp. 386–390. *Potsdam*, 1904.)

Hoskins (Leander Miller). A text-book on hydraulics, including an outline of the theory of turbines. *New York: H. Holt & Co.*, 1906. v, 271 p., 1 pl. illus. 8°.

Hummel (A.) Ueber die Formgebung der Schaufeln bei François-Turbinen. (Dinglers polytechnisches Jour. *Stuttgart*, 1899. f°. v. 311, pp. 4–6; 24–25.)

Illeck (J.) Zur Theorie der rotierenden Scheiben. (Österr. Ingen. u. Architekt. Verein. Ztschr. Jahrg. 58, pp. 729–736. *Wien*, 1906.)

Inward flow turbines. (Engineer. v. 92, pp. 163–165. *London*, 1901.)

Kessler (Joseph). Berechnung und Konstruktion der Turbinen. Eine kurzgefasste Theorie in elementarer Darstellung mit erläuternden Rechnungsbeispielen. *Hildburghausen: O. Pezoldt*, 1902. 2 p.l., 52 p. 3. ed. 8°. (Technische Lehrhefte. Maschinenbau [Abt. B], Heft 9.)

Kobes (Karl). Der Druck auf den Spurzapfen der Jonval-Turbinen. 1 pl. (Ztschr. d. österr. Ingen. Jahrg. 58, pp. 247–253. *Wien*, 1906.)

—— Der Druck auf den Spurzapfen der Reaktionsturbinen und Kreiselpumpen. Studien von K. Kobes. *Leipzig: F. Deuticke*, 1906. vii, 174 p., 8 plans. 4°.

Largest (The) water turbine in existence. [Shawinigan power station, St. Maurice River, Canada.] (Sci. Amer. v. 92, p. 1–6. *New York*, 1905.)

Lavergne (G.) Les turbines. *Paris* [1893]. pl. 12°. (Encycl. Sci. d. aide-mém. sect. de l'ingén.)

Legros (Leon). Essais récents de turbo-alternateurs. (L'éclairage électrique. v. 48, pp. 121–133. *Paris*, 1906.)

Lorenz (H.) Theorie und Berechnung der Vollturbinen und Kreiselpumpen. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 1670–1675. *Berlin*, 1905.)

Löwy (Robert). Beiträge zur Charakteristik der Francis-turbine. (Elektrotechnik u. Maschinenbau. Jahrg. 24, pp. 333–336. *Wien*, 1906.)

Mather (Lawrence B.) American water-wheels and water-wheel governors. (Amer. Electr. v. 17, pp. 16–27. *New York*, 1905.)

Meissner (G.) Theorie und Bau der Turbinen und Wasserräder. (Bd. 2 of his: Die Hydraulik. *Jena*, 1895–99. 8°.)

Morin (A.) Expériences sur les roues hydrauliques à axe vertical appelées turbines. *Liège*, 1838. 12°.

—— Expériences sur les roues hydrauliques à axe verticale appelées turbines. *Metz: Thiel*, 1838. iv, 52 p., 2 pl. 4°.

Mueller (Wilhelm) Die Francis-Turbinen und die Entwicklung des modernen Turbinenbaues in Deutschland, der Schweiz, Osterreich-Ungarn, Italien, Frankreich, England, Skandinavien und Nord-Amerika. Mit 339 Abbildungen... *Hannover: Gebrüder Jänecke*, 1905. viii, 469 p., 24 plans. 2. ed. 4°.

—— Hochdruck-Turbinen mit 950 M. Gefälle im Elektrizitätswerk Vouvry. (Dinglers polytech. Jour. Jahrg. 84, v. 318, pp. 177–179. *Berlin*, 1903.)

—— Die neue Turbinenanlage in Bellegarde. (Dinglers polytech. Jour. v. 314, pp. 50–54. *Stuttgart*, 1899.)

—— Regelung aussenschlächtiger Radialturbinen mit Sauggefälle. (Dinglers polytech. Jour. v. 316, pp. 619–624; 656–659. *Stuttgart*, 1901.)

—— Die Turbinen auf der Pariser Weltausstellung 1900. (Dingler's polytech. Jour. v. 315, pp. 645–654; 670–675. *Stuttgart*, 1900.)

—— Ueber Strahlturbinen und das Pelton-Rad. (Dingler's polytech. Jour. v. 312, pp. 84–88; 116–121; 138–141. *Stuttgart*, 1899.)

N. ( ) Les turbines de MM. Singrun frères à l'exposition de 1900. (Rev. tech. v. 22, pp. 8–15. *Paris*, 1901.)

Neilson (B. M.) The evolution and prospects of the elastic fluid turbine. [With discussion.] (Inst. of Engineers and Shipbuilders in Scotland. Trans. v. 49, pp. 88–139. *Glasgow*, 1906.)

Neuere Turbinenanlagen, ausgeführt von der Aktiengesellschaft der Maschinenfabriken von Escher Wyss & Co. in Zurich. (Ztschr. d. Vereines deutsch. Ingenieure. v. 45, pp. 1189–1197, 1239–1246. *Berlin*, 1901.)

Neumann (Fritz). Beitrag zur Berechnung der Eintrittsgrössen einer Wasserturbine. (Dinglers polytech. Jour. Jahrg. 86, v. 320, pp. 417–426. *Berlin*, 1905.)

New (The) turbine plant and sub-stations of the Potomac Electric Power Company, Washington, D. C. illus. (Street Railway Jour. v. 29, pp. 378–382. *New York*, 1907.)

Niethammer (F.) Mitteilungen aus der amerikanischen Starkstromtechnik. (Ztschr. f. Elektrotechnik. Jahrg. 23, pp. 1–4; 17–21; 75–78; 97–101. *Wien*, 1905.)

—— On turbo-dynamos. (Electr. World and Engineer. v. 43, pp. 558–560. *New York*, 1904.)

—— Turbodynamos. (Ztschr. f. Electrotechnik. Jahrg. 22, pp. 77–80; 96–100. *Wien*, 1904.)

—— Turbodynamos und verwandte Maschinen. (Ztschr. d. Vereines deutsch. Ingen. v. 49, pp. 762–770, 818–824. *Berlin*, 1905.)

—— Turbodynamos und verwandte Maschinen. Mit...Abbildungen. *Zürich: F. Amberger*, 1906, 144 p., 2 l., 3 tabl. 8°.

Pfarr (A.) Bremsversuche an einer New American-Turbine. (Mitteil. über Forschungsarbeiten a. d. Gebiete d. Ingenieurwesens. Heft. 5, pp. 35–52. *Berlin*, 1902.)

—— —— (Ztschr. d. Vereines deutsch. Ingen. v. 46, pp. 845–852. *Berlin*, 1902.)

—— Bremsversuche an einer Radial-turbine, gebaut von der Maschinenfabrik Briegleb, Hansen & Co. in Gotha. (Mitteil. über Forschungsarbeiten. 1904, Heft 17, pp. 53–58. *Berlin*, 1904.)

Water Wheels (Turbine), cont'd.

—— Der Regulirvorgang bei Turbinen mit indirekt wirkendem Regulator. (Ztschr. d. Vereines deutsch. Ingenieure. v. 43, pp. 1553–1558; 1594–1599. *Berlin*, 1899.)

—— Die Turbinen für Wasserkraftbetrieb. Ihre Theorie und Konstruktion. Text [and] Atlas. *Berlin: J. Springer*, 1907. 2 v. 4°.

Ponti (Giovanni). Applicazione di turbine idrauliche alla manovra delle grandi paratoie. 1 pl. (Giornale del genio civile, parte non ufficiale. *Roma*, 1897. 8°. Anno 35, pp. 779–785.)

Prásil (Franz). Turbine building and turbo-electric stations in Switzerland. (Engineering Maga. v. 21, pp. 245–255, 357–359. *New York*, 1901.)

—— Progrès de la construction des turbines hydrauliques en Suisse, depuis l'année 1889. (Cong. internat. de mécanique appliquée a l'exposition de 1900. v. 1, Rapports, pp. 225–334. *Paris*, 1900.)

—— Die Turbinen der Kraftübertragungswerke Rheinfelden. (Zeitschr. d. Vereines deutsch. Ingenieure. v. 43, pp. 1217–1221. *Berlin*, 1899.)

Rateau (A.) Rapport sur l'état actuel de la théorie et de la construction des turbines hydrauliques. (Cong. internat. de mécanique appliquée à l'exposition de 1900. v. 1, Rapports, pp. 335–380. *Paris*, 1900.)

—— Les turbo-machines. (Rev. de mécanique. v. 1, pp. 629–643; 828–837; v. 2, pp. 134–154; 476–494; v. 3, pp. 146–161; 239–256; 618–637; v. 4, pp. 360–380; v. 6, pp. 17–68. *Paris*, 1897–1900.)

Redtenbacher (F.) Theorie und Bau der Turbinen und Ventilatoren, mit 11 gross und 6 klein lithogr. Tafeln. Atlas f°. *Mannheim*, 1844. 8°.

Regolatori di velocitá per turbine accoppiate a dinamo. (Giornale del genio civile. anno 39. pp. 8–20. *Roma*, 1901.)

Reiche (H. von). Die Gesetze des Turbinen-Baues. *Leipzig*, 1877. diagr. 8°.

Reichel (E.) Turbinenbau. (Ztsch. d. Vereines deut. Ingenieure. v. 44, pp. 657–659; 1113–1118; 1348–1359; v. 45, pp. 1386–1393; 1562–1567; 1631–1636; 1837–1842. *Berlin*, 1900–01.)

Rice (A. C.) Notes on the history of turbine development in America. (Engineering News. v. 48, pp. 208–210. *New York*, 1902.)

Schmidt (H. F.) The turbine problem. (Amer. Electr.) v. 16, pp. 76–80. *New York*, 1904.)

Schmidt (Karl). Die Turbinen zur Ausnutzung von Wasserkraften. *Leipzig: M. Gebhardt*, 1907. 3 p.l., 86 p., 19 pl. illus. 4°.

Schmitthenner (C). Das Bremsen der Turbinen, speziell einiger von der Maschinenfabrik von J. M. Voith in Heidenheim ausgeführter Anlagen. (Dinglers polytech. Jour. v. 314, pp. 1–5, 17–21. *Stuttgart*, 1899.)

—— Fortschritte im Turbinenbau. (Ztsch. d. Vereines deut. Ingen. v. 47, pp. 841–847; 891–895. *Berlin*, 1903.)

Schubert (J. A.) Betrag zur Berichtigung der Theorie der Turbinen. *Dessau*, 1850. 8°.

Schulte (A.) Wirkungsweise des Wassers im Laufrade der Turbinen. 16 p. *Berlin: G. Siemens*, 1897. 4°.

Sloan (J. J.) Communication sur les turbines Américaines pour basses chutes et débits variables. (Cong. internat. de mécanique appliquée de l'exposition de 1900. v. 3, pp. 293–299. *Paris*, 1901.)

—— Essais des turbines. (Cong. de la houille blanche. Sept., 1902. Compte rendu. v. 1, pp. 293–295. *Grenoble*, 1902.)

Speidel (E.), *and* W. Wagenbach. Ueber Francis-Turbinenschaufelung. (Zeitschr. d. Vereines deutscher Ingenieure. v. 43, pp. 581–583. *Berlin*, 1899.)

Steiger (Alphonse). The forms of turbines most suitable for low falls. [With discussion.] (Inst. Civil Engineers. Minutes of Proc. v. 157, pp. 52–91. *London*, 1904.)

Stilwell-Bierce (The) & Smith-Vaile Co. Descriptive catalogue of the Victor turbine. *Dayton, O.* [cop. 1900] 183 p. 8°. (Catalogue no. 23.)

Tangential water-wheels. (Engineering. v. 75, pp. 401–404. *London*, 1903.)

Thomann (R.) Die Wasserturbinen ihrer Berechnung und Konstruktion. Mit 307 Textfiguren und 44 Tafeln. *Stuttgart: Konrad Wittwer*, 1908. xiii, (i), 334 p., 44 pl. 8°.

"Das vorliegende Werk stellt im wesentlichen eine Sammlung meiner Vorträge über Wasserkraftmaschinen dar."—*Vorwort.*

Thurso (John Wolf). Modern turbine practice and water-power plants. *New York: D. Van Nostrand Co.*, 1907. xxii, 24 p., 1 pl. 2. ed. 8°.

—— Modern turbine practice and the development of water powers. (Engineering News. v. 48, pp. 462–478; v. 49, pp. 26–30. *New York*, 1902.)

Trowbridge (William). Water-wheels. (Van Nostrand's Sci. ser., no. 44. *New York*, 24°.)

Turbine (Die). Jahrg. 1–date (1904/05–date). *Berlin*, 1904–'date. f°.

Current.

Turbine installation at Strensham mills. (Engineering. v. 67, pp. 705–706. *London*, 1899.)

Turbines (Les) hydrauliques à l'exposition de 1900. (Le genie civil. v. 38, pp. 411–415. *Paris*, 1901.)

Turbines at the Paris exposition. (Scientif. Amer. Suppl. v. 84, pp. 20923–20924. *New York*, 1901.)

Turbo-moteur hydraulique à réglage de précision automatique. (Génie civil. v. 38, pp. 113. *Paris*, 1900.)

Tyack (Arthur Henry). Turbines. *London: The Inst.*, 1900. 14 p. 8°.

Repr.: Min. of proc. of Inst. of Civ. Eng. v. 141, Sess. 1899–1900. Pt. 3.

Tyler (W. W.) The evolution of the American type of water wheel. (Jour. Western Soc. of Engineers. *Chicago*, 1898. 8°. v. 3, pp. 879–901.)

Vogdt (Rudolf). Die Wirkung des Wassers in den Turbinen. (Ztsch. f. Elektrotech. u. Maschinenbau. Jahrg. 23, pp. 477–479, 490–491, 495–498. *Potsdam*, 1906.)

Vogl (Frank P.) The economy of using turbines at full gate. (Transac. New Eng. Cotton Manufacturers' Assoc. no. 67 (Oct., 1899), pp. 234–236. *Waltham*, 1899.)

Weber (Gustav). Die Berechnung und Konstruktion der Turbinen und Schützenzüge mit be-

Water Wheels (Turbine), cont'd.

sonderer Berücksichtigung der Francis-Turbine. *Leipzig: M. Schäfer*, 1907. 2 v. text and atlas. 4° and f°.

Wood (De Volson). Turbines, theoretical and practical, with numerical examples and experimental results and many illustrations. *New York: J. Wiley & Sons*, 1896. 2 p.l., 152 p., 23 diag., 2 l., 15 pl. 2. ed. 8°.

Wunsch ( ). Hydrovolven. illus. (Deutsche Tekniker-Zeitung. Jahrg. 22, pp. 461–462. *Berlin*, 1905.)

Zeuner (G.) Vorlesungen über Theorie der Turbinen. Mit vorbereitenden Untersuchungen aus der technischen Hydraulik. *Leipzig: A. Felix*, 1899. xi, 372 p. 8°.

WEIRS.

See DAMS, WEIRS AND RESERVOIRS.

WELLS.

Brouson (L.) Contribution à la théorie des puits. (Rev. univers. d. mines, de la métallurgie. sér. 3, v. 49, pp. 109–134. *Paris*, 1900.)

Cox (W. Gibbons). Artesian water supply and irrigation. (Engineer. v. 93, pp. 402; 451–453; 504–506; 556–557. *London*, 1902.)

Darapsky (L.) Die Verwendung von Pressluft zur Wasserförderung. (Berg- u. Huettenmaennische Zeitung. Jahrg. 62, pp. 129–135. *Berlin*, 1903.)

Dumas (J.) Brunnen-Ingenieur; in's Deutsche übertragen von C. H. Schmidt. 3 pl. 12°. (Neuer Schauplatz d. Künste, v. 233. *Weimar*, 1857.)

Forscheimer (Phillipp). Grundwasserspiegel bei Brunnenanlagen. (Zeitschr. des Vereines deutscher Ingenieure. *Berlin*, 1899. f°. v. 43, pp. 202–205.)

—— Grundwasserspiegel bei Brunnenanlagen. (Zeitschr. des oesterr. Ingenieur- und Architekten-Vereines. *Wien*, 1898. f°. v. 50, pp. 629–635; 645–648.)

Fuller (Myron L.) Artesian flows from unconfined sandy strata. (Engineering News. v. 53, pp. 329–330. *New York*, 1905.)

Garnier (F.) Traité sur les puits artésiens. Seconde Edition. *Paris*, 1826. 4°.

Gibson (Alex. T.) Water supply, and artesian wells. (Mechanic Arts Maga. v. 4, pp. 113–118. *Scranton, Pa.*, 1899.)

Griffith (*Mrs.*). Essay on the art of boring the earth for the obtainment of a spontaneous flow of water; with hints towards forming a new theory for the rise of waters. *New Brunswick, N. J.*, 1826. 8°.

Hartmann (C. F. A.) Anleitung zur Anlage gegrabener und Artesischer Brunnen. Zweite Ausgabe. *Weimar*, 1848. 12°.

Hericart de Thury ( ), *Vicomte*. Considérations géologiques et physiques sur la cause du jaillissement des eaux des puits forés ou fontaines artificielles... *Paris: Bachelier*, 1829. xxxix, 339 p., 6 diag., 2 pl. 8°.

Kelaart (Eduard Frederick). An account of artesian wells. [*Edinburgh*, 1841?] 12°.

Knapp (J. N.) Drilling wells in soft and unconsolidated formations. 3 pl. (Stevens Inst. Indicator. v. 22, pp. 17–30. *Hoboken*, 1905.)

Kulchling (E.) Public water supplies from driven wells. (City Government. v. 8, pp. 96–99; 125–128; 152–155; v. 9, pp. 15–18. 45–48; 71–74. *Troy*, 1900.)

Pierce Well Engineering & Supply Co., New York. Illustrated catalogue... Manufacturers of everything required to drill and complete artesian, oil or gas wells... *New York* [1894?]. 50 p., 2 pl., 1 port. 4°.

Pumpen und Brunnenbau. *Berlin*, 1906–date. f°.
Current.

[**Recchi** (Gaetano).] Dei pozzi modonesi detti artesiani. Lettera di un Ferrarese [*i. e.* G. Recchi] al...cav. Luigi Finotti. *Ferrara: G. Bresciani*, 1829. 36, 26 p., 1 l., 1 pl. 12°.

Spon (Ernest). Water supply: the present practice of sinking and boring wells... *London*, 1875. il. pl. 12°.

Stella (Augusto). Sulla presunta influenza della pressione degli strati nella salienza delle acque artesiane. pl. (R. istituto lombardo, Memorie, classe di sci. mat. e. nat. v. 19, pp. 213–228. *Milano*, 1904.)

Vermeule (C. C.) Water supply from wells. (In: New Jersey. Geological Survey. Ann. rpt. of Geologist for 1898. *Trenton*, 1899. 8°. pp. 145–182.)

Viollet (J. B.) Théorie des puits artésiennes. *Paris*, 1840. 8°.

Williams Bros. Well tools and machinery. *Ithaca, N. Y.: The Ithaca Journal* [190–?]. 12 p. illus. f°.

Regional.

Africa.

Lippmann (Ed.) Réplique aux observations de M. Rolland sur l'origine des eaux artésiennes du Sahara. (Mem. et compte rendu des travaux de la Soc. des Ingénieurs Civils de France. *Paris*, 1898. 8°. Année 51, pp. 804–810.)

Ritso (Bernhard William). Boring for water in the Cape Colony. (Minutes of proc. of the Inst. of Civil Engrs. v. 147, pp. 308–323. *London*, 1902.)

Rolland (Georges). Apropos de l'alimentation des eaux artésiennes de l'oued Rir'et du bas Sahara Algérien. (Mém. et compte rendu des travaux de la Soc. des Ingénieurs Civils de France. *Paris*, 1898. 8°. Année 51, pp. 784–803.)

Australia.

Artesischen (Die) Brunnen in Australien. (Globus. v. 76, pp. 250–252. *Braunschweig*, 1899.)

Boultbee (James W.) Artesian water in New South Wales. (Roy. soc. of New South Wales. Jour. and Proc. v. 32, pp. 88–103. *Sydney*, 1898.)

—— The economic aspect of artesian boring in New South Wales. (Roy. soc. of New South Wales. Jour. and Proc. v. 37. apx. pp. 154–178. *Sydney*, 1903.)

Cox (W. Gibbons). Artesian water supply in Australia. (Engineer. v. 91, pp. 635–636. *London*, 1901.)

Wells, cont'd.

—— The artesian water-supply of Australia from a geographical standpoint. (Geog. Jour. v. 19, pp. 560–571. *London*, 1902.)

—— Well boring machinery in Australia. (Engineer. v. 92, pp. 135–137. *London*, 1901.)

Jack (R. Logan). Artesian water in the state of Queensland, Australia. [Discussion.] (Jour. of Transac. of Victoria Inst....v. 34, pp. 182–196. *London*, 1902.)

Knibbs (George H.) The hydraulic aspect of the artesian problem. · illus. (Royal soc. of New South Wales. Jour. and Proc. v. 37, apx. pp. 24–47. *Sydney*, 1903.)

Privat-Deschanel (Paul). Les puits artésiens en Australie. · [illus.] (Le genie civil. v. 49, pp. 309–312. *Paris*, 1906.)

Canada.

Adams (Frank Dawson), *and* OSMOND EDGAR LEROY. The artesian and other deep wells on the Island of Montreal. *Ottawa: S. E. Dawson*, 1904. 74 p., 3 maps. 8°. (McGill University. Papers from the department of geology. no. 21.)

Repr.: Geol. Surv. of Canada, A. R. Pt. O., Vol. 14.

Kenrick (Edgar B.) The artesian water supply of the city of Winnipeg. (Jour. Soc. of Chem. Industry. v. 21, pp. 746–748. *London*, 1902.)

France.

Chauvet (G.) Le puits gallo-romain des Bouchauds (Charente). (Rev. archéol. sér. 3, v. 38, pp. 1–9. *Paris*, 1901.)

Geslain ( ). Note sur l'éxecution de puits artésien de la Butte-aux-Cailles, à Paris. (Annales d. ponts et chaussées. pt. 1, sér. 8, v. 17, pp. 149–158. *Paris*, 1905.)

Wathier ( ). Tentative de sauvetage d'un puisatier à Sainte-Mesme. (Rev. du génie militaire. v. 29, pp. 25–44. *Paris*, 1905.)

Germany.

Darapsky (L.) Tiefbrunnenbohrung in der Bavaria-Brauerei in Altona. (Schilling's Jour. f. Gasbeleucht u. Wasserversorg. Jahrg. 44, pp. 669–672. *München*, 1901.)

Olshausen (Johann). Flut und Ebbe in artesischen Tiefbrunnen in Hamburg. (Schillings Jour. f. Gasbeleuchtung. Jahrg. 47, pp. 381–390. *München*, 1904.)

Great Britain.

Chapman (Edward J.) On artesian wells near Silsoe in Bedfordshire. [*London*, 1852 ?] 4 p. 8°.

Repr.: Philosophical Mag., Aug., 1852.

India.

Dawe (W.) Memorandum of the progress of sinking a well in the bunds of Chandpur, near the foot of the hills. [With note by W. E. Baker.] (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1837. 8°. v. 6, pp. 52–55.)

Everest (R.) On the temperature of deep wells to the west of the Jamna. (Jour. Asiat. Soc. of Bengal. *Calcutta*, 1835. 8°. v. 4, pp. 229–230.)

Simpson (Rob. R.) Well-sinking in the Punjab. [Discussion.] (Transac. Inst. Mining Engineers. v. 26, pp. 47–54. *Newcastle-upon-Tyne*, 1903.)

Italy.

Alimentazione (L') di acqua potabile della città di Mantova mediante pozzi artesiana. (Giornale d. genio civile. Anno 41, pp. 657–957. *Roma*, 1904.)

Angelis d'Ossat (Gioacchino de). Sulle condizioni sfavorevoli per i pozzi artesiani tra Roma ed i Colli Laziali. (R. accad. dei Lincei. Rendic. classe d. sci. fis. ser. 5, v. 13, pt. 2, pp. 394–402. *Roma*, 1904.)

Squinabol (Senofonte). Alcune osservazioni sul pozzo artesiano di Villafranca Padovana. (Atti e mem. d. R. Accad. di sci. lettere & arti in Padova. 1902. n. s., v. 18, pp. 37–47. *Padova*, 1902.)

Japan.

Norman (F. J.) Boring in Japan. (Transac. Inst. of Mining Engineers. v. 23, pp. 685–698. *Newcastle-upon-Tyne*, 1903.)

Netherlands.

Crave (J.) Notice sur un projet de puits artésien proposé à Amsterdam. *n. p.* [185–?] 8 p., 1 pl. 8°.

Lorié (J.) Beschrijving van eenige nieuwe grondboringen. (Koninkl. akad. v. wetensch. Verhandel. [Afd. Naturkunde.] sec. 2, v. 6, no. 6; v. 7, no. 6; v. 8, no. 4; v. 9, no. 9; v. 10, no. 5; v. 12, no. 2; v. 13, no. 1. *Amsterdam*, 1899–1906.)

In v. 13, no 1, title reads, "De geologische bouw der geldersche vallei, benevens beschrijving van eenige nieuwe grondboringen."

Porto Rico.

Porto Rican (A) well. (Engineering Rec. v. 40, pp. 51. *New York*, 1899.)

Sweden.

Kastenson (Johan), *and* Z. P. ASCHAN. *Om källådrors uptäckande. Parts 1–2. *Upsala*, 1803. 2 pts. 4°.

United States.

Artesian (The) water supply of Memphis, Tenn. (Engineering Rec. v. 46, pp. 513–515. *New York*, 1902.)

Bowers (George). Result of the well experiments in Lowell, Mass. (Jour. of the New England Water Works Assoc. *New London*, 1898. 8°. v. 13, pp. 30–35.)

Brooklyn.—*Water Committee.* Report of John S. Stoddard...on the subject of supplying Brooklyn with water by the well system. *Brooklyn: Morning Jols. Marble Office*, 1854. 16 pp. pap. 8°. (Brooklyn Water Com.)

Carpenter (L. G.) The artesian wells of Colorado and their relation to irrigation. *Fort Collins*, 1891. 28 p., 1 map. 8°. (Colorado. Agric. Exper. Sta. Bull. 16.)

Charleston (S. C.)—*Artesian Wells Committee.* Municipal report of...Charleston. Artesian wells committee report, 1881. *Charleston*, 1882. 61 p. 8°.

Conley (J. D.) The artesian wells of southern Wyoming: their history and relation to irrigation. *Laramie*, 1894. 1 p.l., 87–122 p., 1 pl. 8°. (Wyoming Agric. Exp. Station. Bull. no. 20. 1894.)

Wells, cont'd.

Cummins (W. F.) Review of R. T. Hill's report on artesian water in Texas. *n. p.*, n. d. 8°.

Darton (Nelson Horatio). Artesian well prospects in the Atlantic coastal plain region. *Washington: Govt. Prtg. Office*, 1896. vii, 232 p., 8 maps, 11 pl. 8°. (U. S. Geological Survey. Bull. 138.)

—— —— Same. (In: U. S. 54. Cong., 2. sess. H. misc. doc. v. 35.)

—— Preliminary report on artesian waters of a portion of the Dakotas. (In: U. S. Geol. Survey. 17. An. Rpt. 1895–6. pp. 603–694, 9 maps, 29 pl.)

Hinton (Richard Josiah). A report on the preliminary investigation to determine the proper location of artesian wells within the area of the ninety seventh meridan and east of the foothills of the Rocky Mountains. *Washington: Govt. Prtg. Office*, 1890. 398 p., 6 maps, 2 plans, 10 pl. 8°. (U. S. Agric. Dept. U. S. 51. Cong., 1. Sess. Senate Ex. Doc. 222.)

Holmes (J. A.) The deep well at Wilmington, N. C. (Science. n. s. v. 11, pp. 128–130. *Lancaster, Pa.*, 1900.)

Leverett (Frank). Wells of northern Indiana. *Washington: Gov. Prtg. Office*, 1899. 82 p., 12 maps. 8°. (U. S. Geological Survey. Water Supply & Irrigation Papers. no. 21.)

—— Wells of southern Indiana. (Continuation of Water-supply and Irrigation Paper no 21.) *Washington: Govt. Prtg. Office*, 1899. 64 p. 8°. (U. S. Geol. Survey. Water-supply & Irrigation Papers. no. 26. House Doc. no. 283.)

Russell (Israel C.) Preliminary report on artesian basins in south-western Idaho and south-eastern Oregon. *Wash-ington: Govt. Prtg. Office*, 1903. 53 p., 2 maps. 8°. (United States. Geological Survey. Water-supply and Irrigation Paper. no. 78.)

Slichter (Charles S.) The California or "stove-pipe" method of well construction for water supply. (Engineering News. v. 50, pp. 429–430. *New York*, 1903.)

Tingley (J. A.) Preliminary report on the artesian wells of the Gulf coastal slope. (In: Texas. Geological Survey. Ann. rept. 4, 1890. *Austin*, 1893. 8°. [pt. 1,] pp. 85–113.)

Tribus (Louis L.) Artesian wells for the water supply of Chatham and Madison, N. J. (Engineering News. v. 42, p. 92. *New York*, 1899.)

United States.—*Geological Survey.* Record of deep-well drilling. *Washington*, 1905. 8°. (Bull. 264.)

—— *Statutes.* A bill for the purpose of obtaining water for irrigation in South Dakota. Introduced in the House by Mr. Keely, March 1, 1898. *n. p.* [1898] 3 p. 4°. (55. Cong. H. R. 8740.)

White (C. A.), *and* S. Aughey. Artesian wells upon the great plains: being the report of a geological commission appointed to examine a portion of the great plains east of the Rocky Mountains, and report upon the localities...most favorable for making experimental borings. *Washington: Govt. Prtg. Office*, 1882. 38 p., 1 map. 8°. (U. S. Dept. Agric.)

Woolman (L.) [Reports on artesian wells in New Jersey.] (In: New Jersey. Geological Survey. Ann. rpt. of Geologist for 1889–1901. *Trenton*, 1890–1902. 8°.)

Wharves.

See Docks, Piers and Wharves; *also* Harbors.

PRINCIPAL ACCESSIONS IN NOVEMBER.

BIOGRAPHY.

BERNHARDT (Sarah). Memories of my life. Being my personal, professional, and social recollections as woman and artist. *New York: D. Appleton & Co.*, 1907. xvi, 456 p., 17 pl., 15 port. 8°.

BOIGNE (Charlotte Louise Eléonore Adelaide d'Osmond de), *Comtesse*. Memoirs of the Comtesse de Boigne. 1781–1819. Edited from the original ms. by M. Charles Nicoullaud. With portrait. *New York: C. Scribner's Sons*, 1907. 2 v. ports. 8°.

COOKE (Jay). Jay Cooke, financier of the Civil War. By Ellis Paxson Oberholtzer. *Philadelphia: G. W. Jacobs & Co.* [1907.] 2 v. ill. 8°.

DUDLEY (Robert), *Earl of Leicester*. The lover of Queen Elizabeth. Being the life and character of Robert Dudley, Earl of Leicester, 1533–1588. By Mrs. Aubrey Richardson. *London: T. W. Laurie* [1907]. 3 pl., 394 p., 1 fac-sim., 4 pl., 10 port. 8°.

HAWKINS (*Sir* John). A sea-dog of Devon. A life of Sir John Hawkins. By R. A. J. Walling. With introduction by Lord Brassey and John Leyland. *London: Cassell & Co.*, 1907. xii, 288 p., 1 port.

HUNTINGDON (Selina), *Countess*. The Countess of Huntingdon and her circle. By Sarah Tytler [pseud. of Henrietta Keddie]. *London: Sir I. Pitman & Sons, Ltd.*, 1907. xi, 292 p., 3 pl., 6 ports. 8°.

JACKSON (Andrew). When men grew tall; or, The story of Andrew Jackson. By Alfred Henry Lewis. *New York: D. Appleton & Co.*, 1907. ix, 330 (1) p., 3 pl., 13 port. 12°.

NAPOLEON der Erste. Eine Schilderung des Mannes und seiner Welt. Von Oskar Klein-Hattingen. Zwei Bände. Bd. 1. *Berlin: F. Dümmler*, 1908. 4°.

HOWARD (Oliver Otis). Autobiography of Oliver Otis Howard, Major General United States Army. *New York: The Baker & Taylor Co.*, 1907. 2 v. pls., ports. 8°.

SCHURZ (Carl). The reminiscences of Carl Schurz. Illustrated with portraits and original drawings. *New York: The McClure Co.*, 1907. 2 v. 8°.

AMERICA.

Church (Elihu Dwight). A catalogue of books relating to the discovery and early history of North and South America forming a part of the library of E. D. Church. Compiled and annotated by George Watson Cole. 4 v. (1482–1752) *New York: Dodd, Mead & Co.*, 1907.
No. 21 of 150 copies printed.

Diener (Mietze). Reise in das moderne Mexico. Erinnerungen an den x. internationalen Geologen-kongress in Mexico. Mit 30 Illustrationen. *Wien: A. Hartleben*, 1908. 4 p.l., 112 p., 1 map. 8°.

Intervencion (La) francesa en Mexico, segun el archivo del Mariscal Bazaine. (Textos español y frances.) *Mexico: La vda. de C. Bouret*, 1907. 283 p., 1 plan. 12°. (Documentos inédítos ó muy raros para la historia de México. Tomo 14.)

Koch-Grünberg (Theodor). Suedamerikanische Felszeichnungen. *Berlin: E. Wasmuth*, 1907. 3 p.l., 92 p., 1 map, 29 pl. illus. 4°.

Lescarbot (Márc). The history of New France. With an English translation, notes and appendices by W. L. Grant, and an introduction by H. P. Biggar. In three volumes. Vol. 1. *Toronto: The Champlain Soc.*, 1907. 4°. (Champlain Society. Publications. No. 1.)

Moore (Edward Alexander). The story of a cannoneer under Stonewall Jackson; in which is told the part taken by the Rockbridge Artillery in the Army of Northern Virginia. With introductions by Capt. Robert E. Lee, Jr., and Hon. Henry St. George Tucker. *New York: Neale Pub. Co.*, 1907. 315 p., 1 fac-sim., 1 pl., 15 port. 12°.

Prowell (George R.) History of York county, Pennsylvania. *Chicago: J. H. Beers & Co.*, 1907. 2 v. illus. 4°.

Sparks (Edwin Erle). The English settlement in the Illinois. Reprints of three rare tracts on the Illinois country. Edited with introduction and notes by E. E. Sparks. *London: The Museum Bookstore*, 1907. v. p., 1 map, 1 pl. 8°.

—— National development 1877–1885. With maps. *New York: Harper & Bros.*, 1907. xiv, 378 p., 7 maps, 1 port. 8°. (The American nation: a history. v. 23.)

Willson (Beckles). Canada. With twelve reproductions from original drawings by Henry Sandham. *London: T. C. & E. C. Jack*, 1907. xi, 304 p., 1 l., 12 pl. 8°. (Romance of Empire series.)

EUROPE.

Berbig (George). Acta comiciorum Augustae ex litteris Philippi, Jonae et aliorum ad M.L. Aus dem Veit Dietrich-kodex der Ratsbibliothek zu Nürnberg. Hrsg. von G. Berbig. *Halle a. S.: C. Nietschmann Plötz'sche Buchdruckerei*, 1907. 4 p.l., 58 p., 1 facsim. 8°. (Quellen und Darstellungen aus der Geschichte des Reformationsjahrhunderts. Bd. 2.)

Craster (Herbert Henry Edmund). The parish of Tynemouth. *Newcastle-upon-Tyne: A. Reid & Co.*, 1907. xiv, 457 p., 1 chart, 1 facsim., 3 maps, 4 plans, 10 pl. sq. 4°. (A history of Northumberland. vol. 8.)

Gasztowtt (Thadée). La Pologne et l'Islam. (Notes historiques.) *Paris: Soc. Française d'Impr. et de Libr.*, 1907. 355 p. 12°.
Schiff Collection.

Grénier (A. S.) Nos sénateurs 1906–1909. Biographies & portraits de MM. les sénateurs. *Paris: L. Theuveny* [1906?]. xxiii, 553 p. New ed. 32°.

Haebler (Konrad). Geschichte Spaniens unter den Habsburgern. Bd. 1. *Gotha: F. A. Perthes*, 1907. 8°. (Geschichte der europäischen Staaten. hrsg. von A. H. L. Heeren [and others.] 36. Werk.)

Menéndez Pidal (Ramón). Primera crónica general. Estoria de España que mandó componer Alfonso el Sabio y se continuaba bajo Sancho IV en 1289. Tomo 1. *Madrid: Bailly-Bailliere é Hijos*, 1906. 4°. (Nueva biblioteca de autores españoles. [v.] 5.)

Near (The) east. The present situation in Montenegro, Bosnia, Servia, Bulgaria, Roumania, Turkey and Macedonia. Illustrated...by the author and Princess Xenia of Montenegro. *New York: Doubleday, Page & Co.*, 1907. 309 (1) p., 1 map, 44 pl., 19 port. 8°.

Penfield (Edward). Holland sketches. *New York: Charles Scribner's Sons*, 1907. 7 p.l., 3–147 p. illus. 8°.

Street (G[eorge] S.) The ghosts of Piccadilly. *New York: G. P. Putnam's Sons*, 1907. xiii, 287 p., 12 port. 8°.

Sydney (William Connor). Social life in England from the restoration to the revolution. 1660–1690. *New York: Macmilan and Co.*, 1892. 2 p.l., 463 p. 12°.

Wilhelm (Friedrich). Deutsche Legenden und Legendare. Texte und Untersuchungen zu ihrer Geschichte im Mittelalter. *Leipzig: J. C. Hinrichs*, 1907. xvi, 234, 57 (1) p. 8°.

Wyllie (M. A.) Norway and its fjords. *London: Methuen & Co.* [1907.] xii, 315 (1) p., 1 map, 32 pl. 8°.

Africa.

Davis (Richard Harding). The Congo and coasts of Africa. *New York: C. Scribner's Sons*, 1907. xi, 220 p., 31 pl., 1 port. 8°.

Davis (Theodore M.) Theodore M. Davis' excavations: Bibân el Molâk.—The tomb of Iouiya and Touiyou.—The finding of the tomb, by Theodore M. Davis.—Notes on Iouiya and Touiyou, by Gaston Maspero.—Description of the objects found in the tomb, by Percy E. Newberry.—Illustrations of the objects, by Howard Carter. *London: A. Constable and Co., Ltd.*, 1907. xxx, 1 l., 48 p., 44 pl. sq. f°.

Gayet (Albert). La civilisation pharaonique. *Paris: Plon-Nourrit & Cie.*, 1907. 2 p.l., viii, 333 p., 1 l. 12°.

Asia, Australia, Pacific Islands.

Griffis (William Elliot). The Japanese nation in evolution. Steps in the progress of a great people. *New York: T. Y. Crowell & Co.* [1907.] 2 p.l., vii–xii, 408 p., 20 pl., 2 port. 12°.

Ireland (Alleyne). The province of Burma. A report prepared on behalf of the University of Chicago. *Boston: Houghton, Mifflin & Co.*, 1907. 2 v. maps. 4°. (Colonial administration in the Far East.)

Thompson (P. A.) Lotus land. Being an account of the country and the people of southern Siam. *London: T. Werner Laurie*, 1906. xii, 312 p., 60 pl., 1 map. 8°.

Winckler (Hugo). Die babylonische Geisteskultur in ihren Beziehungen zur Kulturentwicklung der Menschheit. *Leipzig: Quelle & Meyer*, 1907. 2 p.l., 152 p., 1 pl. 12°. (Wissenschaft und Bildung. Einzeldarstellungen aus allen Gebieten des Wissens. Hrsg. von Paul Herre. No. 15.)

Art.

Berenson (Bernhard). North Italian painters of the Renaissance. *New York: G. P. Putnam's Sons*, 1907. ix, 341 p., 1 pl. 12°.

Bouchot (Henri). La miniature française 1750–1825. *Paris: Goupil & Cie.*, 1907. 4 v. plates, ports. f°.

No. 41 of 200 copies. Paging continuous. Gift of Mrs. Henry Draper.

Cattelle (W[allis] R[ichard].) The pearl; its story, its charm, and its value. *Philadelphia: J. B. Lippincott Co.*, 1907. 376 p., 11 pl., 5 port. 12°.

Daumier (Honoré) Honoré Daumier. A collection of his social and political caricatures, together with an introductory essay on his art. By E. L. Cary. With seventy-six illustrations. *New York: G. P. Putnam's Sons*, 1907. v, 185 p., 1 port. illus. 8°.

Morgan (J[ohn] Pierpont). Catalogue of the collection of miniatures the property of J. Pierpont Morgan. Compiled at his request by G. C. Williamson. *London: Privately printed at the Chiswick Press*, 1906. 2 v. f°.

No. 7 of 40 copies printed on Japanese vellum, containing 52 hand-colored facsimiles, and 112 plates engraved by Hallett Hyatt, London. Bound in full crushed levant morocco, with gold tooling and silk lining.
Gift of J. Pierpont Morgan.

—— Pictures in the collection of J. Pierpont Morgan at Princes Gate and Dover House, London. With an introduction by T. Humphrey Ward, and biographical and descriptive notes by W. Roberts. *London: Privately printed*, 1907. 3 v. f°.

[v. 1] Dutch and Flemish, French, Italian, Spanish. [v. 2] English School. [v. 3] Modern Schools.
Catalogue arranged by Thos. Agnew & Sons, London. Letterpress by Bradbury, Agnew & Co., London. Plates by the Art Photogravure Co., London, and Berlin Photographic Co., Berlin and F. Hanfstaengl, Munich. Coloured reproductions by Goupil & Co., Paris. Binding in full crushed levant morocco with dentelle borders, gold tooling, silk lining, and silk end-papers, by Joseph Zaehnsdorf, London.
Gift of J. Pierpont Morgan. 75 copies printed.

Sport.

Burroughs (John). Camping and tramping with Roosevelt. *Boston: Houghton, Mifflin & Co.*, 1907. xiv, 2 l., 3–110 p., 1 l., 9 pl., 3 port. 8°.

Dickinson (F. A.) Big game shooting on the equator. With an introduction by Sir Charles Norton Eliot...Illustrations reproduced from photographs. *London: John Lane* [1907]. 2 p.l., 7–285 p., 47 pl. 8°.

Shaw (Fred. G.) The science of dry fly fishing, and salmon fly fishing. With illustrations. *London: J. Murray*, 1907. xxi, 296, xxxii p., 32 pl. [2. ed.] 8°.

Wright (Sidney). The romance of the world's fisheries. Interesting descriptions of the many and curious methods of fishing in all parts of the world. *London: Seely & Co., Ltd.*, 1908. 319 (1) p., 24 pl. 8°. (The library of romance.)

American and English Literature.

Burke (Barbara). Barbara goes to Oxford. *London: Methuen & Co.* [1907.] vii, (1), 293 (1) p., 15 pl. 2. ed. 12°.

Crawford (Francis Marion). Arethusa. With illustrations by Gertrude D. Hammond. *New York: The Macmillan Co.*, 1907. vii, 355 p., 15 pl., 1 port. 12°.

—— In the palace of the king. A love story of old Madrid. Illustrated. *New York: Grosset & Dunlap* [1907]. 3 p.l., 367 p., 4 pl. 12°. (Macmillan's standard library.)

Emerald and ermine. A tale of the Argoat. By the author of "The martyrdom of an empress." *New York: Harper & Bros.*, 1907. 4 p.l., 3–328 p., 1 l., 4 pl. 8°.

Howells (William Dean). Between the dark and the daylight. Romances. *New York: Harper & Bros.*, 1907. 5 p.l., 3–184 p., 1 l., 6 pl. 8°.

Jacobi (*Mrs.* Mary Putnam). Stories and sketches. *New York: G. P. Putnam's Sons*, 1907. vi, 1 l., 443 p. 8°.

Macaulay (1. *baron*) Thomas Babington Macaulay. Marginal notes by Lord Macaulay. Selected and arranged by Sir George Otto Trevelyan. *London: Longmans, Green and Co.*, 1907. 65 p. 8°.

Willmott (Robert Aris). Pleasures of literature. With an introduction by Cranstoun Metcalfe. *New York: G. P. Putnam's Sons*, 1907. xxv, 243 p. 12°.

Foreign Literature.

Muench (Wilhelm). Jean Paul, der Verfasser der Levana. *Berlin: Reuther & Reichard*, 1907. viii, 237 (1) p. 8°. (Die Grossen Erzieher. Bd. 1.)

Petöfi (Sándor). Poèmes divers. *Pozsony (Presbourg): [E. Eder]* 1907. 2 p.l., 61 (1) p., 1 l. 8°. (Poésies classiques hongroises. v. 4.)

Petrarca (Francesco). L'originale del canzoniere di Francesco Petrarca. Codice Vaticano Latino 3195 riprodotto in fototipia a cura della Biblioteca Vaticana. *Milano: U. Hoepli*, 1905. xliii p., 1a–1b 1–72 f., 2 pl. f°. (Bibliotheca Apostolica Vaticana. Codices e Vaticanis selecti. v. 6.)

Sappho. The poems of Sappho. An interpretative rendition into English by John Myers O'Hara. *Chicago*, 1907. 4 p.l., 97 (1) p. nar. 12°.

Weber (A. O.) Gereimte Satiren. Eine Auswahl für die Familie. *Leipzig: F. Rothbarth*, 1907. 212 p., 1 port. 4. ed. 16°.

Danish.

Bang (Herman Joachim). Rundt i Norge, Skildringer og Billeder. *Kristiania: H. Aschehoug & Co.*, 1892. 344 p. 12°.

Dolleris (Andreas). Carl Bagger. En biografisk Skildring af Digteren og hans Hustru. *Odense: Milo*, 1907. 144 p. ill. 8°.

Edda. Håndskriftet Nr. 2365 4° gl. kgl. Samling på det store kgl. bibliothek i Köbenhavn (Codex regius af den ældre Edda) i fototypisk og diplomatisk gengivelse. Udgivet for Samfund til udgivelse af gammel nordisk litteratur ved Ludv[ig] F[rands] A[dalbert] Wimmer og Finnur Jónsson. *Köbenhavn: S. L. Möller*, 1891. lxxv, (1) 193 p., 2 l., 90 facsim. sq. 4°.

Ewald (Carl). Anna Sofie Reventlow. Historisk Roman. *Köbenhavn: forhen A. Christiansen*, 1907. 332 p. 8°. (In his: Danske Dronninger uden Krone.)

—— Dyveke. Historisk Roman. *Köbenhavn: forhen A. Christiansen*, 1907. 464 p. 8°. (In his: Danske Dronninger uden Krone.)

Geill (Christian). Kriminal-antropologiske Studier over danske Forbrydere. *Köbenhavn: Jacob Lund*, 1906. 3 p.l., 352 p. 8°.

Henningsen (Emanuel). Udvalgte Fortællinger. Anden Række. Fra Lolland. Bind I. *Kjöbenhavn: N. C. Rom*, 1907. 8°.

Jensen (Thit). Prins Nilaus af Danmark. Sagnfortælling. *Kjöbenhavn: Gyldendalske Boghandel*, 1907. 3 p.l., 168 p., 1 l. 12°.

Pedersen (Kr). Dansk Sproglære. *Kjöbenhavn: N. C. Rom*, 1906. 23 (1) p. 12°.

Pontoppidan (Henrik). Ung Elskov. Blade af en Mindekrans. *Köbenhavn: Det Schubotheske Forlag*, 1906. 2 p.l., 150 p. [2. ed.] 16°.

Rördam (Valdemar). Den gamle Kaptajn. *Kjöbenhavn: Gyldendal*, 1906–07. 3 v. 12°.

Rosenkrantz (Palle). Dödsdommen i Karlsruhe. Et moderne Retsdrama fortalt og kommenteret. *Köbenhavn: Nordisk Musikforlag*, 1907. 80 p. 2. ed. 12°.

Schwanenflügel (H.) Carl Bagger: Skitse af et Digterliv udgivet i Hundredaaret efter hans Födsel. *Köbenhavn: J. L. Lybecker og E. A. Hirschsprung*, 1907. 103 (1) p. 12°.

Sick (Ingeborg Maria). Höjfjælds-Præst. *Köbenhavn: Gyldendalske Boghandel*, 1907. 3 p.l., (1) 4–199 p. 11. ed. 12°.

Socialistiske (Den) Stat i Virksomhed. Udgivet at det danske Socialdemokrati. *Köbenhavn:* ["*Socialdemokratisk Forbund*"], 1906. 40 p. 4. ed. 16°. (Socialistiske Skrifter, udgivne af det danske Socialdemokrati ved E. Wiinblad. I.)

Swendsen (Ole). Bornholmer Märchen. *Allinge: H. P. Jacobsen* [1907]. 3 p.l. (1), 4–118 p. sq. 24°.

Tange (Sven). Der stander en Strid. Fortælling fra Sönderjylland. 2. Bog af Der kæmper et Folk. *Aarhus: A. Bayer*, 1907. 272 p. 12°.

Vinter (En) paa Askov Höjskole. Af en Elev. *Aarhus: Albert Bayer*, 1907. 46 p., 1 port. 12°.

Norwegian.

Björnson (Björnstjerne). Vort Sprog. *Kristiania: Gyldendalske Boghandel*, 1907. 15 p. 16°.

Brochmann (Johannes) Bör "Over ævne" opföres? Et samfundsspörgsmaal paa dagsordenen. *Kristiania: H. Aschehoug & Co.*, 1886. 31 (1) p. 8°.

Dickmar (Helene). Ellen. Fortælling. *Kristiania: H. Aschehoug & Co.*, 1893. 3 p.l., (1) 4–302 p. 12°.

—— Psyche. En Kvindes Kjærligheds Historie. *Kristiania: H. Aschehoug & Co.*, 1906. 3 p.l., (1) 4–327 p. 12°.

Elsa, *Fru.* Kvindelig Skjönhedspleie. *Kristiania: H. Aschehoug & Co.*, 1895. 2 p.l., 99 p. 16°.

Erken (Henriette Schönberg). Kogebog for sparsommelige husmödre i by og bygd. *Kristiania: H. Aschehoug & Co.*, 1905. 160 p. 2. ed. sq. 16°.

Fru Evas Dagbog. Udgivet af Forf. til "Kvinden skabt af Manden." *Kristiania: H. Aschehoug & Co.*, 1905. 1 p.l., 197 p. 2. ed. 12°.

Grane (A.) Næsten voksen. *Kristiania: H. Aschehoug & Co.*, 1903. 2 p.l., 123 p. 3. ed. 12°.

Hansson (Ola). Amors hevn. För giftermålet. Noveller. *Kristiania: H. Aschehoug & Co.*, 1894. 174 p. 12°.

Hertzberg (Ebbe). En fremstilling af det norske aristokratis historie indtil kong Sverres tid. *Christiania: J Dahl*, 1869. 3 p.l., 152 p. 8°.

Hjörleifsson (Einar). Danmark og Island. En historisk Redegörelse. *Kjöbenhavn: Gyldendalske Boghandel*, 1907. 2 p.l., 80 p. 12°.

Kinck (Hans E.) Fru Anny Porse. *Kristiania: H. Aschehoug & Co.*, 1900. 3 p.l., (1) 4–298 p. 12°.

—— Italienere. *Kristiania: H. Aschehoug & Co.*, 1904. 4 p.l., 222 p. 12°.

—— Livsaanderne. Fem novelletter. *Kristiania: H. Aschehoug & Co.*, 1906. 3 p.l., (1) 4–255 p. 12°.

—— Naar kærlighed dör. *Kristiania: H. Aschehoug & Co.*, 1903. 3 p.l., (1) 4–368 p. 12°.

Konow (Ingeborg van der Lippe). Hos Sæims-Presten. En Fortælling om et Barn. *Kristiania: H. Aschehoug & Co.*, 1906. 2 p.l., 249 p. 12°.

Kvinden skabt af Manden. Studie af en Kvinde. (I Anledning af Dr. Otto Weiningers Bog: "Geschlecht und Charakter.") *Kristiania: H. Aschehoug & Co.*, 1904. 2 p.l., 131 p. 10. ed. 12°.

Lie (Bernt [Bessesen]). I Knut Arnebergs Hus. *Kristiania: H. Aschehoug & Co.*, 1902. 2 p.l., 315 p. 2. ed. 12°.

—— Kasper Bugge. *Kristiania: H. Aschehoug & Co.*, 1898. 2 p.l., 168 p. 12°.

Nilssen (Sven). Skygger. Otte Skisser. *Kristiania: H Aschehoug & Co.*, 1894. 128 p. 12°.

Normann (Regine). Krabvaag. Skildringer fra et lidet fiskevær. *Kristiania: H. Aschehoug & Co.*, 1905. 2 p.l., 187 p. 16°.

Prydz (Alvilde). Dröm. *Kristiania: H. Aschehoug & Co.*, 1893. 366 p. 12°.

Vogt (Nils Collett). Harriet Blich. Fortælling. *Kristiania: H. Aschehoug & Co.*, 1902. 2 p.l., 273 p. 16°.

Winsnes (Hanna). Aftenerne paa Egelund. Med Titelbillede og Initialer af G. Munthe og 4 Illustrationer efter Originaltegning af Eivind Nielsen. *Kristiania: Det norske Aktieforlag*, 1903. 3 p.l., 187 p. 4. ed. illus. sq. 12°.

Zwilgmeyer (Dikken). Emerentze. En slægtshistorie. *Kristiania: H. Aschehoug & Co.*, 1906. 2 p.l., (1) 4–242 p. 2. ed. 12°.

—— Lille Jan Bluhme. *Kristiania: H. Aschehoug & Co.*, 1903. 2 p.l., 111 p. 2. ed. 12°.

Swedish.

Ahnfeldt (Otto). Ur mina minnen. *Stockholm: P. A. Norstedt & Söner* [1905–07]. 2 v. 8°.

Beckman (Nat.) Dansk-norsk-svensk ordbok. *Stockholm: P. A. Norstedt & Söner* [1907]. viii, 248 p. 12°.

Berggren (Per Gustaf). Kalmar Stad och dess historia. *Kalmar: Hjalmar Appeltofft* [1907]. 1 p.l., (1) 6–171 p., 1 map, 3 plans, 16 pl. sq. 4°.

Carlson (Ernst). Fördraget mellan Karl XII och kejsaren i Altranstädt 1708. Ett tvåhundraårsminne. *Stockholm: P. A. Norstedt & Söner* [1907]. 69 p., 2 l., 1 map, 5 pl., 2 port. sq. 4°.

Castrén (Gunnar). Stormaktstidens diktning. Studier. *Stockholm: Aktiebolaget Ljus*, 1907. 4 p.l., 220 p. 8°.

Dueben (Gustaf [Wilhelm] von). Om Lappland och Lapparne, företrädesvis de svenske. Ethnografiska studier. [*Stockholm:*] *P. A. Norstedt & Söners Förlag* [1873]. vii (1), 528 p., 8 pl. 8°.

Hultman (Eric). Vildar—mer eller mindre—Skisser från Australien. *Stockholm: A. V. Carlson* [1907]. 224 p. illus. 12°.

Lindfors (Axel Otto). Några Linné-studier. *Uppsala: Almqvist & Wiksell* [1907]. 2 p.l., 59 p. 12°.

Linnæus (Karl). Bref och skrifvelser af och till Carl von Linné. Utgifna och med upplysande noter försedda af Th. M. Fries. [Med understöd af svenska staten utgifna af Upsala universitet. Afd. 1. *Stockholm: Aktiebolaget Ljus*, 1907. 1 v. 8°.

Mannström (Oscar). Rös och en. Dikter. *Stockholm: E. V. Hellström* [1906]. 3 p.l., (1) 10–95 p. 12°.

Roos (Mathilda). Hvit ljung. *Stockholm: A. Bonnier* [1907]. 432 p. 12°.

Stockenstrand (J. L.) Utvandrare Skildringar. *Stockholm: Fr. Skoglund* [1908]. 175 p. 12°.

Swederus (M. B.) Boklådorna i Uppsala 1616–1907. Ett bidrag till den svenska bokhandelns historia. *Uppsala: Lundequist*, 1907. 1 p.l., 110 p. 8°.

Tavaststjerna (Karl A.) Haarde Tider. Fortælling fra Finlands sidste Nödaar. Oversat af K. W. Hammer. *Kristiania: H. Aschehoug & Co.*, 1893. iv, 246 p. 8°.

Vetterlund (Fredrik). Från nyromantikens dagar. Några blad. *Stockholm: Wahlström & Widstrand* [1907]. 3 p.l., 104–126 p., 2 l. 8°.

Wrangel (F. U.) Ströftåg i New York och annorstädes i U. S. A. *Stockholm: Wahlström & Widstrand*, 1907. xii, 217 p., 1 pl., 3 port. illus. sq. 8°.

Mathematical and Physical Sciences.

Fournier d'Albe (Edmund Edward). Two new worlds. I. The infra-world. II. The supra-world. *London: Longmans, Green & Co.*, 1907. ix (1), 157 (1) p., 1 l., 1 pl. 12°.

Jones (Harry Chapman), *and others*. Conductivity and viscosity in mixed solvents. A study of the conductivity and viscosity of solutions of cer-

tain electrolytes in water, methyl alcohol...and acetone...by H. C. Jones...C. F. Lindsay, E. C. Bingham, C. G. Carroll, C. A. Rouiller, W. R. Veazey, H. P. Bassett [and] L. McMaster. *Washington: Carnegie Institution*, 1907. v, 235 p. 8°. (Carnegie Inst. of Wash. Pubns. no. 80.)

Newcomb (Simon). Investigation of inequalities in the motion of the moon produced by the action of the planets. By Simon Newcomb, assisted by Frank E. Ross, *Washington: Carnegie Institution*, 1907. viii, 160 p. 4°. (Carnegie Inst. of Wash. Pubns. no. 72.)

Seidell (Atherton). Solubilities of inorganic and organic substances. A handbook of the most reliable quantitative solubility determinations. Recalculated and compiled by A. Seidell. *New York: D. Van Nostrand Company*, 1907. x, 367 p. 8°.

Vanino (L.) Das Natriumsuperoxyd. *Wien: A. Hartleben*, 1908. vii, 72 p. ill. 12°. (Hartleben's Chemisch-technische Bibliothek. 305.)

Biological Sciences.

Aschenborn (O.), *and others*. Arztliche Rechtskunde. Zwölf Vorträge ... Herausgegeben vom Zentralkomitee für das ärztliche Fortbildungswesen in Preussen, in dessen Auftrage redigiert von Prof. Dr. R. Kutner. *Jena: G. Fischer*, 1907. 2 p.l., 400 p. 8°.

Boelsche (Wilhelm). The evolution of man ... Translated by Ernest Untermann. *Chicago: C. H. Kerr & Co.*, 1907. 1 p.l., 5–160 p. ill. 16°. (Standard Socialist Series.)

Jordan (David Starr), *and* Vernon Lyman Kellogg. Evolution and animal life. An elementary discussion of facts ... relating to the life and evolution of animals. *New York: D. Appleton and Co.*, 1907. xi, 489 p., 3 pl. illus. 8°.

Marshall (Nina L.) Mosses and lichens, a popular guide to the ... study of our commoner mosses and lichens, their uses, and methods of preserving. Sixteen plates in colour, thirty-two in black and white, from photographs by Hannah C. Anderson. *New York: Doubleday, Page & Company*, 1907. xviii, 327 p., 48 pl. illus. 4°.

Voorhees (Irving Wilson). The teachings of Thomas Henry Huxley. *New York: Broadway Pub. Co.*, 1907. 3 p.l., iii, 85 p., 1 port. 12°.

Philology.

Baker (Arthur). The American Esperanto book. A compendium of the international language, Esperanto. *Chicago: C. H. Kerr & Co.*, 1907. 130 p. 12°.

Frisoni (Gaetano). Dizionario commerciale in sei lingue (Italiano-Tedesco-Francese-Inglese-Spagnuolo-Portoghese). Fraseologia-Espressioni-Dizioni e locuzioni in uso nel commercio. *Milano: Ulrico Hoepli*, 1907. xii, 2 l., 788 p., 1 l. 8°.
There is another title-page in French.

Sociology.

Alston (Leonard). The white man's work in Asia and Africa. A discussion of the main difficulties of the colour question. *New York: Longmans, Green & Co.*, 1907. ix, 136 p. 12°.

Dietzgen (Joseph). Some of the philosophical essays on socialism and science ... and the world-at-large ... Translated by M. Beer and Th. Rothstein. With a biographical sketch ... Edited by Eugene Dietzgen and Joseph Dietzgen, jr. *Chicago: C. H. Kerr & Co.*, 1906. 1 p.l., 5–362 p., 1 port. 12°.

More (Louise Bolard). Wage-earners' budgets. A study of standards and cost of living in New York City. With a preface by Franklin H. Giddings. *New York: H. Holt & Co.*, 1907. x, 1 l., 280 p. 8°. (Greenwich House series of social studies. No. 1.)

Revolution (The) in the Baltic provinces of Russia. A brief account of the activity of the Lettish Social Democratic Workers' party. By an active member. Revised ... by Ernest O. F. Ames. *London: Independent Labour Party* [1907]. 4 p.l., (i) v–xi, 98 p., 18 pl. 12°. (The Socialist Library. Extra volume. No. 1.)

Shaw (Albert). Political problems of American development. *New York: The Columbia University Press*, 1907. vii, 268 p. 8°. (Columbia University lectures 1907.)

Small (Albion Woodbury). Adam Smith and modern sociology. A study in the methodology of the social sciences. *Chicago: The University of Chicago Press*, 1907. ix, 1 l., 247 p. 12°.

Wentworth (Franklin Harcourt). Forgings of the new. Studies in socialism. *New York: Socialistic Literature Co.*, 1907. 2 p.l., 157 p. 12°.

PRINCIPAL DONORS IN NOVEMBER.

	VOLS.	PMS.
Albany, Public Safety Dept.	1	
Amer. McAll Assoc. . . .		13
Amer. Water Works Assoc. .	1	
Armstrong, Dr. S. T. . .	17	16
Austria, K. K. Statistische Central Commiss. . . .	2	25
Belgium, Min. de Industrie .	19	
Bendigo Progress Assoc. .		1
Boulogne-sur-Mer, Chambre de Commerce	2	2
Breslau, Universitäts-Bibliothek.	3	56
Buenos Aires, Biblioteca Nacional	2	
Butler, W. P.	28	
Cadwalader, John L. . . .	1	
Canada, Dept. of Agriculture	1	
Canada, Minister of Justice .	1	
Church, E. D.	4	
Colonial Soc. of Mass. . .	1	
Comegys, Col. Wm. H. . .	137	
Conn. Historical Society .	1	
Corporation Trust Co. . .		3
Davis, Andrew McF. . . .		1
Draper, Mrs. Henry . . .	11	6
Düsseldorf, Bürgermeister . .	1	
Ferguson, Albert		2
Fort Wayne, City Clerk . . .	1	
France, Min. of Public Instruction	3	3
Gen. Convention of the New Jerusalem	3	
Grand Rapids Public Library	1	
Green, Mrs. F. M.	16	
Hamburg, Stadtbibliothek .		1
Harvard Club, N. Y. . . .	1	342
Independent Order B'nai B'rith	3	
India Office	1	
Ingersoll, Ernest		13
Inter. Federation Master Cotton Spinners' Assoc. . .	4	
Jamaica, Colonial Sec. . .	9	
Jones, Mrs. Cadwalader . .	1	
Kansas City, Dept. of Water Works	3	
Kellner, Ludwig.		2
Lafayette College	1	11
Lal, Ram Narain	1	
Ledyard, Lewis Cass . . .	11	
Library of Congress . . .	2	
London County Council . .	2	

	VOLS.	PMS.
Loubat, Duc de		1
Louisiana, St. Bd. of Agriculture	1	
Louisville, Ky., The Comptroller	7	
Lowell, Mass., City Messenger	17	
Lyman & Industrial Schools .		10
MacDowell, Mrs. L. I. . .	3	2
McGill University		8
Maine Agric. Experiment Station	2	
Maine State Library . . .	40	11
Malden, Mass., The Mayor .	3	
Marine Cooks and Stewards' Union		3
Marlborough, Mass., Public Library		4
Maryland, Comptroller . .	6	
Maryland, Insurance Commiss.	3	
Maryland, State Bd. of Health	2	2
Maryland State Library . .	2	3
Maryland, State Tax Commiss.		10
Mascart, Jean		1
Mass. Sec. of Commonwealth	11	1
Mass. State Bd. of Agriculture		20
Mesdag, H. W.		1
Meyer, Mrs. L. G.	2	3
Michigan, Auditor-Gen. . .	3	
Morgan, J. Pierpont . . .	5	
Museum of Fine Arts, Boston	3	2
Neth., Min. of Finance . .	1	
New South Wales, Legislative Assembly	1	
New York City, Bd. of Education	4	
New York City, Comptroller	95	10
New York State Library . .	11	2
New Yorker Staats-Zeitung .	1727	44
Newburgh, City Clerk . .	5	1
Norton, Eliot	6	1
Ohio State Library . . .	33	25
Olszewski, A.	3	6
Palmer, Wm. Lincoln . .	1	
Pissaro, Lucien (10 prints) .		
Scientific American . . .	104	520
Sergio, Prof. A.	2	
Smithsonian Institution . .	21	
Waller, P.	23	

Z
881
N593B8
v.11

New York. Public Library
Bulletin

PLEASE DO NOT REMOVE
CARDS OR SLIPS FROM THIS POCKET

UNIVERSITY OF TORONTO LIBRARY